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Plant Inventory No. 177

UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.

PLANT MATERIAL INTRODUCED JANUARY 1 TO DECEMBER 31, 1969 (NOS. 338614 TO 346863)

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OCT 26 1971

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This inventory, No. 177, lists the plant material (Nos. 338614 to 346863) received by the New Crops Research Branch, Plant Science Research Division, Agricultural Research Service, during the period from January 1 to December 31, 1969. The inventory is a historical record of plant material introduced for Department and other specialists and is not to be considered as a list of plant material for distribution.

The species names used are those under which the plant material was received. These have been corrected only for spelling, authorities, and obvious synonymy. Questions related to the names published in the inventory and obvious errors should be directed to the author. If misidentification is apparent, please submit an herbarium specimen with flowers and fruit for reidentification.

HOWARD L. HYLAND
Botanist

Plant Industry Station
Beltsville, Md.

338614. SOLANUM TUQUERRENSE Hawkes Solanaceae.

From England. Seed presented by J. G. Hawkes, Department of Botany, University of Birmingham, Birmingham. Received January 2, 1969.

338615 to 338617.

From Germany. Seed presented by H. Ross, Max-Planck-Institut für Zuchtungsforschung, Bundesrep. Received January 2, 1969.

338615. SOLANUM CHANCAYENSE Ochoa Solanaceae.

EBS 2807. Collected by H. Ross, September 13, 1967. Teatinos, Lachay, Province Lima, Peru.

338616. SOLANUM MOCHIQUENSE Ochoa.

EBS 2764. Collected by C. Lopex and C. Ochoa, October, 1967. Virú, Cerro La Pileta, Province La Libertad, Peru. 2n=24.

338617. SOLANUM STOLONIFERUM Schlecht.

EBS 2630. Collected by H. Ross, August 5, 1965. Cerro de Punguato, Province Michoacan, Mexico, 2,400 m. 2n=48.

338618 to 338624.

From Mexico. Seed collected by P. R. Rowe, Vegetables and Ornamentals Research Branch, Agricultural Research Service, Madison, Wisconsin. Received January 2, 1969.

338618 and 338619. SOLANUM DEMISSUM Lindl. Solanaceae.

338618. Rowe 1. On border of Mexico and Michoacan State along road from Mexico City to Morelia, 2,800 m.

338619. Rowe 2. In village of Macho de Agua, Michoacan State, 2,600 m.

338620. SOLANUM POLYTRICHON Rydb.

Rowe 6. Along roadside east of Morelia, Michoacan State.

338621 and 338622. SOLANUM STOLONIFERUM Schlecht.

338621. Rowe 7. Along roadside on Mount Punguato, near Morelia, Michoacan, 2,000 m.

338622. Rowe 9. Km. 343 south of Morelia, Michoacan, in deep gully below road at Campo Experimental el Olivar.

338623. SOLANUM TUBEROSUM ssp. ANDIGENUM (Juz. & Buk.) Hawkes

Rowe 3. Fruit from plants cultivated in village of Macho de Agua, Michoacan state, 2,600 m.

338624. SOLANUM VERRUCOSUM Schlecht.

Rowe 10. Above Opopeo on Tacambaro road, 2,700 m., at edge of pine and balsam forest on mountain side.

338625 and 338626. ORYZA SATIVA L. Gramineae. **Rice.**

From Taiwan. Seed presented by the Taiwan Agricultural Research Institute, Taipei. Received January 3, 1969.

338625. 'Taichung 184'.

338626. 'Taichung Sen. 2'.

338627 to 338682.

From Morocco. Seeds presented by Station Centrale de Genetique et de Botanique Agricoles, Institute National de la Recherche Agronomique, Rabat. Reference numbers from 1966 Index Seminum. Received October 14, 1968. Numbered January 6, 1969.

338627 to 338682—Continued

338627. AGROSTIS STOLONIFERA L. Gramineae. **Creeping bentgrass.**
No. 28.

338628. ARACHIS HYPOGAEA f. NAMBYQUARAE (Hoehne) F.J. Herm. Leguminosae.
No. 196.

338629. ARRHENATHERUM ELATIUS (L.) Presl Gramineae. **Tall oatgrass.**
No. 29.

338630. BOTHRIOCHOLA ISCHAEMUM (L.) Keng Gramineae.
King's Ranch bluestem.
No. 38.

338631. BRIZA MAXIMA L. Gramineae. **Big quaking grass.**
No. 42.

338632. BROMUS ARVENSIS L. Gramineae. **Field bromegrass.**
No. 43.

338633. BROMUS CATHARTICUS Vahl **Rescuegrass.**
No. 44.

338634. CAREX sp. Cyperaceae.
Col. 53.

338635. CASSIA OCCIDENTALIS L. Leguminosae. **Senna.**
No. 199.

338636. CHLORIS GAYANA Kunth Gramineae. **Rhodesgrass.**
No. 50.

338637. CORONILLA GLAUCA Jusl. Leguminosae. **Honey coronilla.**
No. 208.

338638. CYTISUS MOLLIS (Cav.) Pau Leguminosae.

338639. DIGITARIA COMMUTATA ssp. NODOSA (Parl.) Maire Gramineae.
No. 54.

338640. ERAGROSTIS CHLOROMELAS Steud. Gramineae. **Boer lovegrass.**
No. 57.

338641. ERAGROSTIS CURVULA (Schrad.) Nees **Weeping lovegrass.**
No. 58.

338642. ERAGROSTIS LEHMANNIANA Nees **Lehmann lovegrass.**
No. 59.

338643. LOTUS CRETICUS L. Leguminosae.
No. 231.

338644. LOTUS PURSHIANUS (Benth.) Clements & Clements **Trefoil.**
No. 230.

338645. LUPINUS ALBUS L. Leguminosae. **White lupine.**
No. 233.

338646. LUPINUS ANGUSTIFOLIUS L. **Bitter blue lupine.**
No. 235. Flowers red.

338647. LUPINUS HIRSUTUS L. **European blue lupine.**
No. 236.

338627 to 338682—Continued

338648. LUPINUS LUTEUS L. **European yellow lupine.**
No. 237.

338649. LUPINUS VARIUS L.
No. 238.

338650. MEDICAGO TORNATA (L.) Mill. Leguminosae.
No. 241.

338651. ONOBRYCHIS VICIIFOLIA Scop. Leguminosae **Sainfoin.**
No. 247.

338652. ORYZOPSIS HOLCIFORMIS (Bieb.) Hack. Gramineae. **Ricegrass.**
No. 91.

338653. ORYZOPSIS MILIACEA (L.) Benth. & Hook. ex Aschers & Schweinf. **Smilograss.**
No. 92.

338654. PANICUM ANTIDOTALE Retz. Gramineae. **Blue panicgrass.**
No. 93.

338655. PANICUM MAXIMUM Jacq. **Guineagrass.**
No. 94.

338656. PANICUM COLORATUM L.
No. 95.

338657. PANICUM MAXIMUM Jacq. **Guineagrass.**
No. 96.

338658. PANICUM PROLUTUM F. Muell.
No. 97.

338659. PANICUM REPENS L. **Torpedograss.**
No. 98.

338660. PASPALUM DILATATUM Poir. Gramineae. **Dallisgrass.**
No. 99.

338661. PASPALUM NOTATUM Fluegge **Bahiagrass.**
No. 100.

338662. PASPALUM SCROBICULATUM L.
No. 101.

338663. PASPALUM VIRGATUM L.
No. 102.

338664. PENNISETUM SETACEUM ssp. ASPERIFOLIUM (Desf.) Maire Gramineae.
No. 104.

338665. PHALARIS AQUATICA L. Gramineae **Large canarygrass.**
No. 111.

338666. PHALARIS ARUNDINACEA L. **Reed canarygrass.**
No. 107.

338667. SCORPIURUS SULCATA L. Leguminosae **Scorpiontail.**
No. 280.

338668. SETARIA NIGRIROSTRIS (Nees) Dur. & Schinz Gramineae.
No. 115.

338627 to 338682—Continued

338669. SETARIA SPHACELATA (Schum.) Stapf & Hubb. ex M. B. Moss **Millet.**
No. 116.

338670. TETRAGONOLOBUS PURPUREUS Moench Leguminosae.
No. 281.

338671. TRICHACHNE PENICILLIGERA (Speg.) Parodi Gramineae.
No. 142.

338672. TRICHOLAENA REPENS (Willd.) Hitchc. Gramineae. **Natalgrass.**
No. 143.

338673 and 338674. TRIFOLIUM INCARNATUM L. Leguminosae. **Crimson clover.**

338673. No. 284.

338674. No. 285. Flowers white.

338675. TRIFOLIUM ISTHMOCARPUM Brot.
No. 286.

338676. TRIFOLIUM RESUPINATUM L. **Persian clover.**
No. 287.

338677. TRIFOLIUM SPUMOSUM L.
No. 288.

338678. TRIFOLIUM SUBTERRANEUM L. **Subterranean clover.**
No. 289.

338679. TRIGONELLA FOENUM-GRAECUM L. Leguminosae **Fenugreek.**
No. 290.

338680. VICIA ARTICULATA Hornem. Leguminosae.
No. 305.

338681. VICIA BENGHALENSIS L. **Purple vetch.**
No. 291.

338682. VICIA VILLOSA Roth **Hairy vetch.**
No. 309.

338683 to 338685. ORYZA SATIVA L. Gramineae. **Rice.**

From Brazil. Seed presented by J. C. McDonald, Agricultural Attache, American Embassy, Rio de Janeiro. Received January 6, 1969.

338683. E.E.A 404. Zenith × Novelle.

338684. E.E.A 405. Prolific × Novelle.

338685. E.E.A 406. Zenith × Maravilho I.

338686 and 338687. FRAGARIA (hybrid). Rosaceae.

From Canada. Plants presented by the Vineland Station, Horticultural Research Institute, Ontario. Received January 8, 1969.

338686. 'Veestar'.

338687. 'Vibrant'.

338688 to 338690.

From Zambia. Seed presented by W. L. Astle, Mochipapa Regional Experiment Station, Choma. Received December 23, 1968. Numbered January 9, 1969.

338688 to 338690—Continued

338688. ERIOCHRYSIS sp. Gramineae.

Chishinga, Zambia. October 1968.

338689. ERIOCHRYSIS sp.

Chishinga, Zambia. 1968.

338690. MISCANTHIDIUM sp. Gramineae.

338691 and 338692. MYRICA RUBRA Sieb. & Zucc. Myricaceae. **Waxmyrtle.**

From Poland. Seed presented by S. A. Pieniazek, Research Institute of Pomology, Skierniewice. Received November 20, 1968. Numbered January 9, 1969.

338691. 'Zuiko'.

338692. Wild.

338693. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

From Italy. Seeds presented by the Instituto Sperimentale Per Le Colture Foraggere, Lodi. Received December 6, 1968. Numbered January 9, 1969.

338694. ORYZA SATIVA L. Gramineae. **Rice.**

From Ceylon. Seed presented by the Department of Agriculture, Peradeniya. Received January 9, 1969.

K–8. Dwarf bacterial blight resistant. Mutant from variety H–4.

338695 to 338713. ORYZA SATIVA L. Gramineae. **Rice.**

From India. Seed presented by the Indian Agricultural Research Institute, New Delhi. P.L. 480 Project A7–CR–205. Received January 9, 1969.

Culture No.	*Cross*
338695. IET 723.	T (N) 1 × T. 141.
338696. RP1 144.	T (N) 1 × T. 141.
338697. RP1 162.	T (N) 1 × T. 141.
338698. RP1 175.	T (N) 1 × T. 141.
338699. RP1 187.	T (N) 1 × T. 141.
338700. RP1 221.	T (N) 1 × T. 141.
338701. RP1 229.	T (N) 1 × T. 141.
338702. RP1 272.	T (N) 1 × T. 141.
338703. RP1 287.	T (N) 1 × T. 141.
338704. RP1 318.	T (N) 1 × T. 141.
338705. RP1 320.	T (N) 1 × T. 141.
338706. RP1 328.	T (N) 1 × T. 141.
338707. RP1 332.	T (N) 1 × T. 141.
338708. CR 28–25.	T 141 × T (N) 1.
338709. IET 440.	T (N) 1 × EK 70.
338710. IET 429.	T (N) 1 × K 540.
338711. IET 60.	HR 12 × T (N) 1.
338712. C. 5342.	HR 12 × T (N) 1.
338713. W. 1263.	Eswarakorra × MTU 15.

338714 to 338717. PENNISETUM FLACCIDUM Griseb. Gramineae.

From India. Seed presented by the Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received January 9, 1969.

338714. 'Jhamak'. Collected at Kargil. Elevation 9,000 feet.

338715. 'Jhamak'. Collected near Leh. Elevation 11,500 feet.

338716. 'Jhamak'. Collected at Suspolat. Elevation 10,000 feet.

338717. 'Jhamak'. Collected from Tuckche Chanspa, Sankar. Elevation 11,000 feet.

338718. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

From Argentina. Seed presented by Instituto Nacional de Technologia Agropecuaria, Estation Experimental Nacional, Pergamino. Received January 9, 1969.

'Fortin Pergamino'.

338719 to 338898. CYAMOPSIS TETRAGONOLOBA (L). Taub. Leguminosae. **Guar.**

From India. Seed presented by Indian Agricultural Research Institute, Division of Plant Introduction, New Delhi. P.L. 480 Project A7–CR–143.

Numbered January 10, 1969.

338719. PLG 29.
338720. PLG 30.
338721. PLG 31.
338722. PLG 36.
338723. PLG 40.
338724. PLG 41.
338725. PLG 44.
338726. PLG 49.
338727. PLG 50.
338728. PLG 51.
338729. PLG 52.
338730. PLG 57.
338731. PLG 58.
338732. PLG 60.
338733. PLG 62.
338734. PLG 63.
338735. PLG 66.
338736. PLG 67.
338737. PLG 68.
338738. PLG 70.
338739. PLG 71.
338740. PLG 72.
338741. PLG 74.
338742. PLG 75.
338743. PLG 80.
338744. PLG 84.
338745. PLG 86.
338746. PLG 92.
338747. PLG 94.
338748. PLG 96.
338749. PLG 98.
338750. PLG 104.
338751. PLG 107.
338752. PLG 108.
338753. PLG 113.
338754. PLG 117.
338755. PLG 118.
338756. PLG 119.
338757. PLG 121.
338758. PLG 124.
338759. PLG 125.
338760. PLG 127.
338761. PLG 130.
338762. PLG 131–1.
338763. PLG 132.
338764. PLG 133.
338765. PLG 134.
338766. PLG 136.
338767. PLG 142.
338768. PLG 143.
338769. PLG 147.
338770. PLG 148.
338771. PLG 153.
338772. PLG 154.

338719 to 338898—Continued

338773. PLG 156.
338774. PLG 158.
338775. PLG 163.
338776. PLG 164.
338777. PLG 165.
338778. PLG 169.
338779. PLG 171.
338780. PLG 174.
338781. PLG 177.
338782. PLG 179.
338783. PLG 180.
338784. PLG 181.
338785. PLG 182.
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338787. PLG 186.
338788. PLG 187.
338789. PLG 189.
338790. PLG 190.
338791. PLG 191.
338792. PLG 193.
338793. PLG 195.
338794. PLG 199.
338795. PLG 201.
338796. PLG 202.
338797. PLG 204.
338798. PLG 206.
338799. PLG 208.
338800. PLG 214.
338801. PLG 217.
338802. PLG 218.
338803. PLG 225.
338804. PLG 228.
338805. PLG 230.
338806. PLG 231.
338807. PLG 236.
338808. PLG 237.
338809. PLG 239.
338810. PLG 240.
338811. PLG 241.
338812. PLG 244.
338813. PLG 245.
338814. PLG 247.
338815. PLG 249.
338816. PLG 252.
338817. PLG 256.
338818. PLG 257.
338819. PLG 259.
338820. PLG 260.
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338823. PLG 264.
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338843. PLG 294.
338844. PLG 295.
338845. PLG 296.
338846. PLG 302.
338847. PLG 304.
338848. PLG 308.
338849. PLG 309.
338850. PLG 311.
338851. PLG 314.
338852. PLG 315.
338853. PLG 318.
338854. PLG 319.
338855. PLG 323.
338856. PLG 324.

338719 to 338898—Continued

338857. PLG 325.
338858. PLG 326.
338859. PLG 330.
338860. PLG 332.
338861. PLG 333.
338862. PLG 334.
338863. PLG 335.
338864. PLG 336.
338865. PLG 337.
338866. PLG 338.
338867. PLG 340.
338868. PLG 344.
338869. PLG 348.
338870. PLG 349.
338871. PLG 351.
338872. PLG 353.
338873. PLG 354.
338874. PLG 357.
338875. PLG 360.
338876. PLG 364.
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338878. PLG 366.
338879. PLG 367.
338880. PLG 372.
338881. PLG 373.
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338890. PLG 386.
338891. PLG 387.
338892. PLG 391.
338893. PLG 392.
338894. PLG 393.
338895. PLG 400.
338896. PLG 401.
338897. PLG 402.
338898. PLG 403.

338899 and 338900.

From Costa Rica. Seed collected by E. P. Imle, American Cocoa Research Institute, Washington, D.C. Received January 14, 1969.

338899. FLEMINGIA STROBILIFERA (L.) Ait. Leguminosae.

Col. 143. La Lola, Costa Rica. Elevation 250 feet. Seven to eight feet tall. Fine for temporary shade and ground cover. Green manure. Introduced from Africa. Collected June 1968.

338900. HIBISCUS sp. Malvaceae.

Col. 142. Limon, Costa Rica, near airport. Elevation 10 feet. Clear yellow-flowered, annual. Appears good enough for ornamental use. Only plant seen—apparently wild. Collected June 1968.

338901 to 338907.

From Zambia. Seed presented by the Ministry of Agriculture, Mount Makulu Research Station, Chilanga. Received January 14, 1969.

338901. ALOE CRYPTOPODA Baker Liliaceae.
Flowers red.

338902. ASCOCARYDION MIRABILE (Briq.) G. Taylor Labiatae.
Shrub 1½ m. Flowers deep blue.

338903. BAUHINIA PETERSIANA Bolle. Leguminosae.
Genetic variation in flowering pattern.

338904. DOMBEYA WITTEI DE Wild & Staner Sterculiaceae.
Shrub about 2 m. Flowers white with scarlet edge.

338901 to 338907—Continued

338905. IPOMOEA HUMMIFERA Rendle & Britten Convolvulaceae.

Climber, flowers pink, 7.5 cm.

338906. IPOMOEA PTERYGOCAULIS Choisy

Climber, flowers white.

338907. MARKHAMIA OBTUSIFOLIA Sprague Bignoniaceae.

338908 to 338912.

From England. Plants presented by East Malling Research Station, Maidstone, Kent. Numbered January 14, 1969.

338908 to 338910. RUBUS OCCIDENTALIS L. Rosaceae. **Black raspberry.**

S_1 'Landmark' × (('Cumberland' × ('Landmark' × P_1) × 'Norfolk Giant' op) × P_1). These selections carry the genes A1 and A10 for resistance to strains 1,2.3 of the *Rubus* aphid *Amphorophora rubi.*

338908. B791/45.

338909. 791/45.

338910. 791/59.

338911 and 338912. RUBUS (hybrid).

S_1 'Burnetholm' × *R. crataegifolius.* Open pollinated twice.

338911. 1541/4.

338912. 1541/50.

338913 to 338921. TRITICUM AESTIVUM L. Gramineae. Common wheat.

From Mexico. Seed presented by International Maize and Wheat Improvement Center, Mexico City. Received January 15, 1969.

338913. 'Azteca'.

338914. 'Bajio'.

338915. 'Ciano F–67'.

338916. 'Inia 66'.

338917. 'Inia "S" 67'.

338918. 'Jaral 66'.

338919. 'Noroeste'.

338920. 'Norteno 67'.

338921. '7 Cerros'.

338922 to 338970. ORYZA SATIVA L. Gramineae. Rice.

From Pakistan. Seed presented by the Government Rice Farm, Lahore. Received January 15, 1969.

Pedigree	*Cross*	*Parentage*
338922. 2361.	IR503–3–PK2–C1	(Peta/3 × T(N)1) × (B589 A4–18/2 × T(N)1)
338923. 2366.	IR503–5–PK1–C2	
338924. 2368.	IR503–5–PK2–C2	
338925. 2369.	IR503–15–PK1–C1	
338926. 2376.	IR506–22–PK1–C3	IR8(B589A4–18/2 × T(N)1)
338927. 2377.	IR506–22PK1–C4	
338928. 2378.	IR506–22–PK2–C4	
338929. 2614.	IR510–10–PD3–C3	FF36 × B583 A1–4–2
338930. 2618.	IR510–10–PD5–C4	
338931. 2607.	IR510–9–PD1–C1	

338922 to 338970—Continued

338932.	2619.	IR503–20–PD1–C1	IR8 × (B589A4–18/2 × T(N)1)
338933.	2620.	IR503–20–PD1–C2	
338934.	2623.	IR503–20–PD3–C2	
338935.	2624.	IR503–20–PD3–C3	
338936.	2628.	IR503–25–PD4–C1	
338937.	2630.	IR503–25–PD4–C3	
338938.	2633.	IR503–25–PD11–C1	
338939.	2634.	IR503–25–PD11–C2	
338940.	2639.	IR503–25–PD17–C1	
338941.	2644.	IR503–25–PD21–C2	
338942.	2652	IR506–9–PD3–C3	IR8 × (B589A4–18/2 × T(N)1)
338943.	2666.	IR506–12–PD8–C1	
338944.	2670.	IR506–12–PD8–C1	
338945.	2674.	IR506–25–PD1–C2	
338946.	2677.	IR506–25–PD2–C2	
338947.	2680.	IR506–25–PD3–C1	
338948.	2681.	IR506–25–PD6–C1	
338949.	2684.	IR506–25–PD9–C1	
338950.	2688.	IR506–25–PD10–C1	
338951.	2757.	IR281–17–6–2–3–PD1–C1	C1 9300/2 × (CP–SLO)
338952.	2758.	IR281–17–6–2–3–PD1–C2	
338953.	2824.	IR174–138–2–2–PD1–C1	C19545 × 81B/25
338954.	2825.	IR174–138–2–2–1–PD2–C1	
338955.	2826.	IR174–138–2–2–1–PD3–C1	
338956.	2844.	IR647–PD1–C1	C19300 × IR8
338957.	2846.	IR647–PD2–C1	
338958.	2847.	IR647–PD4–C2	
338959.	2849.	IR647–PD5—C1	
338960.	2852.	IR647–PD8–C1	
338961.	2855.	IR647–PD9–C1	
338962.	2859.	IR647–PD10–C2	
338963.	2860.	IR647–PD11–C1	
338964.	2862.	IR647–PD15–C1	
338965.	2865.	IR647–PD17–C1	
338966.	2867.	IR647–PD18–C1	
338967.	2869.	IR647–PD19–C1	
338968.	IR8–892)	Peta × D.G.W.G.	
338969.	IR8–891)	Peta × D.G.W.G.	
338970.	IR9–269–1–PK1)	Peta × I.G.T.	

338971 to 338973. PHASEOLUS VULGARIS L. Leguminosae.
Common bean.

From Turkey. Seed presented by the United States Agency for International Development, Ankara. Received January 16, 1969.

338971. 'Dermacon'. Black. Grown in the Malatya area.

338972. 'Selanik'. Grown in the Samsun area.

338973. 'Tambul'. Grown all over Turkey.

338974 to 339548.

From Turkey. Seed presented by Rifat Gerek, Plant Breeding Station, Eskisehir. Received February, 1968. Numbered January 21, 1969.

338974. CAPSICUM sp. Solanaceae.
11B–8. Eskisehir.

338975. CAPSICUM sp.
11B–9. 'Kestel'. Eskisehir.

338976. CAPSICUM sp.
11B–12. Kocaeli.

338977. CAPSICUM sp.
11B–14. Icel.

338978. CAPSICUM sp.
11B–15. 'Kestel'. Istanbul.

338979. CAPSICUM sp.
11B–16. 'Kartal'. Istanbul.

338980. CAPSICUM sp.
11B–21. Konya.

338981. CAPSICUM sp.
11B–22. Eskisehir.

338982. CAPSICUM sp.
11B–23. Eskisehir.

338983. CAPSICUM sp.
11B–24. Eskisehir.

338984. CAPSICUM sp.
11B–25. Eskisehir.

338985. CAPSICUM sp.
11B–36. Ankara.

338986. CAPSICUM sp.
11B–37. Ankara.

338987. CAPSICUM sp.
11B–38. Ankara.

338988. CAPSICUM sp.
11B–45. Ankara.

338989. CAPSICUM sp.
11B–48. Ankara.

338990. CAPSICUM sp.
11B–49. Ankara.

338991. CAPSICUM sp.
11B–50. Ankara.

338992. CAPSICUM sp.
11B–53. Ankara.

338993. CAPSICUM sp.
11B–56. Ankara.

338994. CAPSICUM sp.
11B–60. Eskisehir.

338995. CAPSICUM sp.
11B–61. Istanbul.

338996. CAPSICUM sp.
11B–70. Izmir.

338997. CAPSICUM sp.
11B–73. Konya.

338998. CAPSICUM sp.
11B–74. 'Mersinli'. Konya.

338999. CAPSICUM sp.
11B–77. Ankara.

339000. CAPSICUM sp.
11B–78. Ankara.

339001. CAPSICUM sp.
11B–79. Ankara.

339002. CAPSICUM sp.
11B–80. Ankara.

339003. CAPSICUM sp.
11B–81. Ankara.

339004. CAPSICUM sp.
11B–82. Ankara.

339005. CAPSICUM sp.
11B–83. Ankara.

339006. CAPSICUM sp.
11B–84. Ankara.

339007. CAPSICUM sp.
11B–85. Ankara.

338974 to 339548—Continued

339008. CAPSICUM sp.
11B–86. Ankara.

339009. CAPSICUM sp.
11B–87. Ankara.

339010. CAPSICUM sp.
11B–88. Ankara.

339011. CAPSICUM sp.
11B–89. Ankara.

339012. CAPSICUM sp.
11B–90. Ankara.

339013. CAPSICUM sp.
11B–91. Ankara.

339014. CAPSICUM sp.
11B–92. Ankara.

339015. CAPSICUM sp.
11B–93. Ankara.

339016. CAPSICUM sp.
11B–94. Ankara.

339017. CAPSICUM sp.
11B–95. Ankara.

339018. CAPSICUM sp.
11B–96. Ankara.

339019. CAPSICUM sp.
11B–97. Ankara.

339020. CAPSICUM sp.
11B–98. Ankara.

339021. CAPSICUM sp.
11B–99. Ankara.

339022. CAPSICUM sp.
11B–100. Ankara.

339023. CAPSICUM sp.
11B–101. Ankara.

339024. CAPSICUM sp.
11B–102. Ankara.

339025. CAPSICUM sp.
11B–103. Ankara.

339026. CAPSICUM sp.
11B–104. Ankara.

339027. CAPSICUM sp.
11B–105. Ankara.

339028. CAPSICUM sp.
11B–106. Ankara.

339029. CAPSICUM sp.
11B–107. Ankara.

339030. CAPSICUM sp.
11B–108. Ankara.

339031. CAPSICUM sp.
11B–109. Ankara.

339032. CAPSICUM sp.
11B–110. Ankara.

339033. CAPSICUM sp.
11B–111. Ankara.

339034. CAPSICUM sp.
11B–112. Bursa.

339035. CAPSICUM sp.
11B–114. Ankara.

339036. CAPSICUM sp.
11B–115. Ankara.

339037. CAPSICUM sp.
11B–116. Ankara.

339038. CAPSICUM sp.
11B–117. Ankara.

339039. CAPSICUM sp.
11B–118. Ankara.

339040. CAPSICUM sp.
11B–119. Ankara.

339041. CAPSICUM sp.
11B–120. Ankara.

339042. CAPSICUM sp.
11B–126. Antalya.

339043. CAPSICUM sp.
11B–127. Antalya.

339044. CAPSICUM sp.
11B–128. Antalya.

339045. CAPSICUM sp.
11B–129. Antalya.

339046. CAPSICUM sp.
11B–130. Antalya.

339047. CAPSICUM sp.
11B–131. Antalya.

339048. CAPSICUM sp.
11B–133. Antalya.

339049. CAPSICUM sp.
11B–134. Antalya.

338974 to 339548—Continued

339050. CAPSICUM sp.
11B–135. 'Carliston'. Istanbul.

339051. CAPSICUM sp.
11B–136. 'Seribiber'. Istanbul.

339052. CAPSICUM sp.
11B–137. 'Kalembiberi'. Istanbul.

339053. CAPSICUM sp.
LLB–140. Izmir.

339054. CAPSICUM sp.
LLB–141. Izmir.

339055. CAPSICUM sp.
11B–142. 'Carliston'. Izmir.

339056. CAPSICUM sp.
11B–149. Izmit.

339057. CAPSICUM sp.
11B–150. Izmit.

339058. CAPSICUM sp.
11B–151. Izmit.

339059. CAPSICUM sp.
11B–152. Antalya.

339060. CAPSICUM sp.
11B–153. Antalya.

339061. CAPSICUM sp.
11B–154. Antalya.

339062. CAPSICUM sp.
11B–155. Antalya.

339063. CAPSICUM sp.
11B–156. Antalya.

339064. CAPSICUM sp.
11B–157. Antalya.

339065. CAPSICUM sp.
11B–158. Antalya.

339066. CAPSICUM sp.
11B–159. Antalya.

339067. CAPSICUM sp.
11B–160. Antalya.

339068. CAPSICUM sp.
11B–161. Antalya.

339069. CAPSICUM sp.
11B–162. Antalya.

339070. CAPSICUM sp.
11B–163. Antalya.

339071. CAPSICUM sp.
11B–164. Antalya.

339072. CAPSICUM sp.
11B–165. Antalya.

339073. CAPSICUM sp.
11B–166. Antalya.

339074. CAPSICUM sp.
11B–167. Antalya.

339075. CAPSICUM sp.
11B–168. Antalya.

339076. CAPSICUM sp.
11B–169. Antalya.

339077. CAPSICUM sp.
11B–170. Antalya.

339078. CAPSICUM sp.
11B–171. Antalya.

339079. CAPSICUM sp.
11B–172. Antalya.

339080. CAPSICUM sp.
11B–173. Antalya.

339081. CAPSICUM sp.
11B–174. Antalya.

339082. CAPSICUM sp.
11B–175. Antalya.

339083. CAPSICUM sp.
11B–176. Antalya.

339084. CAPSICUM sp.
11B–177. Antalya.

339085. CAPSICUM sp.
11B–178. Antalya.

339086. CAPSICUM sp.
11B–179. Antalya.

339087. CAPSICUM sp.
11B–180. Antalya.

339088. CAPSICUM sp.
11B–182. Antalya.

339089. CAPSICUM sp.
11B–183. Antalya.

339090. CAPSICUM sp.
11B–185. Antalya.

339091. CAPSICUM sp.
11B–190. Antalya.

338974 to 339548—Continued

339092. CAPSICUM sp.
11B–191. Antalya.

339093. CAPSICUM sp.
11B–192. Antalya.

339094. CAPSICUM sp.
11B–193. Antalya.

339095. CAPSICUM sp.
11B–194. Antalya.

339096. CAPSICUM sp.
11B–195. Antalya.

339097. CAPSICUM sp.
11B–196. Antalya.

339098. CAPSICUM sp.
11B–197. Antalya.

339099. CAPSICUM sp.
11B–200. Antalya.

339100. CAPSICUM sp.
11B–208. Antalya.

339101. CAPSICUM sp.
11B–213. 'Sivri Carliston'. Ankara.

339102. CAPSICUM sp.
11B–214. Izmir.

339103. CAPSICUM sp.
11B–215. 'Carliston'. Izmir.

339104. CAPSICUM sp.
11B–217. Izmir.

339105. CAPSICUM sp.
11B–218. 'Istanbul sivri'. Izmir.

339106. CAPSICUM sp.
11B–219. 'Carliston'. Izmir.

339107. CAPSICUM sp.
11B–221. 'Carliston'. Izmir.

339108. CAPSICUM sp.
11B–228. '50–66 Bornova'. Izmir.

339109. CAPSICUM sp.
11B–230. '19K–74 Bornova'. Izmir.

339110. CAPSICUM sp.
11B–233. 'Yesil Biber'. Izmir.

339111. CAPSICUM sp.
11B–235. 'Carliston'. Izmir.

339112. CAPSICUM sp.
11B–237. 'Carliston'. Izmir.

339113. CAPSICUM sp.
11B–243. Izmir.

339114. CAPSICUM sp.
11B–245. Izmir.

339115. CAPSICUM sp.
11B–246. Izmir.

339116. CAPSICUM sp.
11B–247. 'Streyn'. Izmir.

339117. CAPSICUM sp.
11B–252. 'Yerli aci'. Izmir.

339118. CAPSICUM sp.
11B–253. 'Patlica'. Izmir.

339119. CAPSICUM sp.
11B–255. 'Ankara sivri'. Izmir.

339120. CAPSICUM sp.
11B–261. Izmir.

339121. CAPSICUM sp.
11B–270. Izmir.

339122. CAPSICUM sp.
11B–271. Izmir.

339123. CAPSICUM sp.
11B–273. Izmir.

339124. CAPSICUM sp.
11B–275. 'Carliston'. Izmir.

339125. CAPSICUM sp.
11B–276. 'Kilssivri'. Izmir.

339126. CAPSICUM sp.
11B–279. Izmir.

339127. CAPSICUM sp.
11B–280. 'Sari sivri'. Izmir.

339128. CAPSICUM sp.
11B–282. Izmir.

339129. CAPSICUM sp.
11B–283. Izmir.

339130. CAPSICUM sp.
11B–291. Izmir.

339131. CAPSICUM sp.
11B–292. Izmir.

339132. CAPSICUM sp.
11B–293. Izmir.

339133. CAPSICUM sp.
11B–294. Izmir.

338974 to 339548—Continued

339134. CAPSICUM sp.
11B–295. Izmir.

339135. CAPSICUM sp.
11B–297. Izmir.

339136. CAPSICUM sp.
11B–299. Izmir.

339137. CAPSICUM sp.
11B–302. Izmir.

339138. CAPSICUM sp.
11B–303. Izmir.

339139. CAPSICUM sp.
11B–304. Izmir.

339140. CAPSICUM sp.
11B–307. Izmir.

339141. CAPSICUM sp.
11B–308. Izmir.

339142 to 339239. CICER ARIETINUM L. Leguminosae. Chickpea.

339142.	4N–17/4–4.	'Kuquk daneli'.	Oluk ozu.
339143.	4N–17/4–5.	'Kuquk daneli'.	Oluk ozu.
339144.	4N–17/6–4.	'Kuquk daneli'.	Oluk ozu.
339145.	4N–18/1–3.	Sultandag.	
339146.	4N–18/1–4.	Sultandag.	
339147.	4N–19/1–3.	'Yerli'.	Sultandag.
339148.	4N–19/1–5.	'Yerli'.	
339149.	4N–23/3–5.	Koyulhisar.	
339150.	4N–25/7–2.	'Yerli Kabak'.	Bucak.
339151.	4N–27/2–2.	'Ispanyol'.	Eziler.
339152.	4N–27/2–3.	'Ispanyol'.	Eziler.
339153.	4N–27/2–5.	'Ispanyol'.	Eziler.
339154.	4N–28/4–4.	'Yerli'.	Agagi cesma.
339155.	4N–29/1–2.	'Sogutcuk'.	Guney.
339156.	4N–29/1–3.	'Sogutcuk'.	Guney.
339157.	4N–29/1–5.	'Sogutcuk'.	Guney.
339158.	4N–32/1–3.	'Yerli'.	Amasya.
339159.	4N–33/1–3.	'Yerli'.	Dikili.
339160.	4N–33/1–4.		
339161.	4N–33/1–5.	'Yerli'.	Dikili.
339162.	4N–34/1–1.	'Yerli'.	Kiriakale.
339163.	4N–39/1–3.		
339164.	4N–40/2–1.	'Ispanyol'.	Kati ozu.
339165.	4N–40/2–2.	'Ispanyol'.	Kati ozu.
339166.	4N–40/2–3.	'Ispanyol'.	Kati ozu.
339167.	4N–40/2–4.	'Ispanyol'.	Kati ozu.
339168.	4N–41/1–3.	'Ispanyol'.	Inegol.
339169.	4N–41/3–1.	'Ispanyol'.	Inegol.
339170.	4N–41/3–2.	'Ispanyol'.	Inegol.
339171.	4N–41/3–4.	'Ispanyol'.	Inegol.
339172.	4N–41/3–5.	'Ispanyol'.	Inegol.
339173.	4N–43/2–1.	'Ispanyol'.	Cukurca.
339174.	4N–43/2–2.	'Ispanyol'.	Cukurca.

338974 to 339548—Continued

339142 to 339239—Continued

339175.	4N–43/2–3.	'Ispanyol'.	Cukurca.
339176.	4N–43/2–4.	'Ispanyol'.	Cukurca.
339177.	4N–43/2–5.	'Ispanyol'.	Cukurca.
339178.	4N–44/3–1.	'Ispanyol'.	Bursa.
339179.	4N–44/3–3.		
339180.	4N–44/3–4.	'Ispanyol'.	Bursa.
339181.	4N–45/2–2.	Orencik.	
339182.	4N–45/2–3.		
339183.	4N–46/3–1.	Turkeli.	
339184.	4N–46/3–2.	Turkeli.	
339185.	4N–46/3–3.		
339186.	4N–47/1–5.	'Kabalak'.	Dinar.
339187.	4N–47/3–3.	'Kabalak'.	Dinar.
339188.	4N–47/3–4.	'Kabalak'.	Dinar.
339189.	4N–47/3–5.	'Kabalak'.	Dinar.
339190.	4N–48/2–1.	'Yerli'.	Morokler.
339191.	4N–48/2–2.	'Yerli'.	Morokler.
339192.	4N–48/2–4.	'Yerli'.	Morokler.
339193.	4N–48/2–5.	'Yerli'.	Morokler.
339194.	4N–50/3–1.	Kayislar.	
339195.	4N–52/1–3.	Kizilca.	
339196.	4N–52/1–5.	Kizilca.	
339197.	4N–52/2–1.	Kizilca.	
339198.	4N–52/2–3.		
339199.	4N–52/2–5.		
339200.	4N–52/3–5.	Kizilca.	
339201.	4N–53/1–2.	Derekoy.	
339202.	4N–53/1–5.	Derekoy.	
339203.	4N–53/3–3.	Derekoy.	
339204.	4N–56/5–5.	Doger.	
339205.	4N–58/1–3.		
339206.	4N–58/1–4.		
339207.	4N–58/1–5.		
339208.	4N–60/1–2.	'Ispanyol'.	Yeni cepni.
339209.	4N–60/2–3.	'Ispanyol'.	Yeni cepni.
339210.	4N–60/2–4.	'Ispanyol'.	Yeni cepni.
339211.	4N–60/2–5.	'Ispanyol'.	Yeni cepni.
339212.	4N–61/1–1.	'Ispanyol'.	Ulupinar.
339213.	4N–61/1–5.	'Ispanyol'.	Ulupinar.
339214.	4N–62/1–2.		
339215.	4N–62/1–3.	'Ispanyol'.	Oluklu.
339216.	4N–62/1–4.	'Ispanyol'.	Oluklu.
339217.	4N–64/1–1.	'Kabak'.	Cimiski.

338974 to 339549—Continued

339142 to 339239—Continued

339218. 4N–64/2–1. 'Kabak'. Cimiski.
339219. 4N–64/2–4. 'Kabak'. Cimiski.
339220. 4N–73/1–4. Akcil derli.
339221. 4N–79/1–1. Tiske.
339222. 4N–79/1–2. Tiske.
339223. 4N–82/1–4. Burc.
339224. 4N–83/2–5. Elcik.
339225. 4N–84/1–3. Tunceli.
339226. 4N–86/1–5. 'Ispanyol'. Irfeniye.
339227. 4N–86/2–3. 'Ispanyol'. Irfeniye.
339228. 4N–88/1–4. Kazanci.
339229. 4N–90/1–5. 'Kabak'. Kizilca Sogut.
339230. 4N–91/5–5. Uygur.
339231. 4N–92/2–2. 'Ispanyol'. Bekceviz.
339232. 4N–92/2–3. 'Ispanyol'. Bekceviz.
339233. 4N–92/2–4. 'Ispanyol'. Bekceviz.
339234. 4N–92/2–5. 'Ispanyol'. Bekceviz.
339235. 4N–94/2–4. 'Ak'. Burdur.
339236. 4N–94/2–5. 'Ak'. Burdur.
339237. 4N–95/1–1. Narkoy.
339238. 4N–95/1–3.
339239. 4N–103/2–5. 'Yerli. Yari.

339240 to 339250. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

339240. 11H–2. 'Langa'. Kocaeli.
339241. 11H–3. 'Sakiz'. Icel.
339242. 11H–4. 'Langa'. Istanbul.
339243. 11H–5. 'Sakiz'. Bursa.
339244. 11H–6. 'Sakiz'. Mersin.
339245. 11H–9. Konya.
339246. 11H–13. Istanbul.
339247. 11H–19. 'Cengelkoy'. Eskisehir.
339248. 11H–20. 'Langa'. Eskisehir.
339249. 11H–22. Eskisehir.
339250. 11H–23. 'Cengelkoy'. Istanbul.

339251 to 339254. DAUCUS CAROTA L. Umbelliferae. **Carrot.**

339251. 8Hv–1. Eskisehir.
339252. 8Hv–2. Eskisehir.
339253. 8Hv–6. Eskisehir.
339254. 8Hv–10. Istanbul.

339255 to 339262. LACTUCA SATIVA L. Compositae. **Lettuce.**

339255. 10M–1. 'Yedikule'. Izmir.
339256. 10M–5. 'Yesil salata'. Kocaeli.
339257. 10M–6. Kocaeli.
339258. 10M–11. 'Kivircik marul'. Istanbul.

338974 to 339549—Continued

339255 to 339262—Continued

339259. 10M–20. 'Yedikule'. Istanbul.
339260. 10M–21. 'Yedikule'. Istanbul.
339261. 10M–29. Eskisehir.
339262. 10M–31. 'Yedikule'. Istanbul.

339263 to 339322. LENS ESCULENTA MOENCH. Leguminosae. Lentil.

339263. 4M–1/1–2. 'Sultani'. Aksaray.
339264. 4M–1/1–4. 'Sultani'. Aksaray.
339265. 4M–3/2–1. 'Yerli Kuquk'. Peyik.
339266. 4M–3/2–2. 'Yerli Kuquk'. Peyik.
339267. 4M–5/1–1. 'Kirmizi'. Sari salkim.
339268. 4M–5/1–2. 'Kirmizi'. Sari salkim.
339269. 4M–5/1–4. 'Kirmizi'. Sari salkim.
339270. 4M–6/1–5. 'Akca Mercimegi'. Zara.
339271. 4M–6/2–4. 'Akca Marcimegi'. Zara.
339272. 4M–6/2–6. 'Akca Mercimegi'. Zara.
339273. 4M–6/2–9. 'Akca Mercimegi'. Zara.
339274. 4M–6/4–3. 'Akca Mercimegi'. Zara.
339275. 4M–7/1–5. 'Sultani'. Alisar.
339276. 4M–7/2–1. 'Sultani'. Alisar.
339277. 4M–8/3–4. 'Adi'. Kosker.
339278. 4M–12/3–4. 'Yerli'. Hasan Koca.
339279. 4M–12/4–5. 'Yerli'. Hasan Koca.
339280. 4M–13/1–5. Bizmisen.
339281. 4M–14/2–1. Guney.
339282. 4M–14/2–4. Guney.
339283. 4M–16/1–1. Bozova.
339284. 4M–16/2–4. Bozova.
339285. 4M–16/2–5. Bozova.
339286. 4M–17/5–5. 'Alaca'. Saray Oren.
339287. 4M–20/3–1. Oyma Agac.
339288. 4M–20/4–3. Oyma Agac.
339289. 4M–21/1–5. Titkir.
339290. 4M–21/2–3. Titkir.
339291. 4M–24/1–3. 'Yerli'. Goban behli.
339292. 4M–25/7–5. 'Siyah'. Baba hazir.
339293. 4M–26/4–1. 'Sultani'. Aksar.
339294. 4M–26/4–5. 'Sultani'. Aksar.
339295. 4M–27/1–1. 'Yassi'. Danca.
339296. 4M–36/3–3. 'Yerli'. Okulu.
339297. 4M–38/1–3. 'Kirmizi'. Zey.
339298. 4M–39/2–5. 'Kirmizi'. Ulu maserek.
339299. 4M–45/5–1. 'Beyaz'. Mezitler.

338974 to 339549—Continued

339263 to 339322—Continued

339300. 4M–49/1–4. 'Sultani'. Kilisekoy.
339301. 4M–49/3–2. 'Sultani'. Kilisekoy.
339302. 4M–51/1–1. 'Siyah'. Gureci.
339303. 4M–51/1–3. 'Siyah'. Gureci.
339304. 4M–53/1–4. Markoy.
339305. 4M–53/1–5. Markoy.
339306. 4M–57/2–1. Sinop.
339307. 4M–57/2–2. Sinop.
339308. 4M–57/2–4. Sinop.
339309. 4M–57/2–5. Sinop.
339310. 4M–60/1–2. 'Yerli'. Tefenni.
339311. 4M–60/1–4. 'Yerli'. Reflenni.
339312. 4M–67/4. 'Yerli'. Seyitgazi.
339313. 4M–73/1. 'Yerli'. Ispas.
339314. 4M–73/2. 'Yerli'. Ispas.
339315. 4M–73/3. 'Yerli'. Ispas.
339316. 4M–76/3. 'Yerli'. Karapazar.
339317. 4M–78/1. 'Yerli'. Kesenler.
339318. 4M–80/2. Kesenler.
339319. 4M–97/4. Yoruk kirka.
339320. 4M–99/5. Yoruk kirka.
339321. 4M–100/3. Akkaya.
339322. 4M–103/3. Akkaya.

339323 to 339340. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

339323. 11D–11. Eskisehir.
339324. 11D–19. Bursa.
339325. 11D–24. Eskisehir.
339326. 11D–25. Eskisehir.
339327. 11D–26. Eskisehir.
339328. 11D–27. Eskisehir.
339329. 11D–38. Eskisehir.
339330. 11D–39. Eskisehir.
339331. 11D–59. Ankara.
339332. 11D–60. Eskisehir.
339333. 11D–63. Eskisehir.
339334. 11D–66. Izmir.
339335. 11D–67. Istanbul.
339336. 11D–73. Maras.
339337. 11D–83. 'Edremit'. Mersin.
339338. 11D–85. Adapazari.
339339. 11D–86. Adapazari.
339340. 11D–108. Eskisehir.

339341 to 339544. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

339341. 4F–50/4. 'Horoz Fasulyesi'.
339342. 4F–50/6. 'Horoz Fasulyesi'.
339343. 4F–50/7. 'Horoz Fasulyesi'.
339344. 4F–50/9. 'Horoz Fasulyesi'.
339345. 4F–50/10.
339346. 4F–61/2. 'Oturak Fasulye'. Samsun.
339347. 4F–61/3. 'Oturak Fasulye'. Samsun.
339348. 4F–61/4. 'Oturak Fasulye'. Samsun.

338974 to 339549—Continued

339341 to 339544—Continued

339349. 4F–61/7. 'Oturak Fasulye'. Samsun.
339350. 4F–61/8. 'Oturak Fasulye'. Samsun.
339351. 4F–61/9. 'Oturak Fasulye'. Samsun.
339352. 4F/70/1. 'Inci Fasulyesi'. Konya.
339353. 4F–70/2. 'Inci Fasulyese'. Konya.
339354. 4F–97/1. 'Horoz Fasulyesi'. Bursa.
339355. 4F–113/8.
339356. 4F–513/1. Konya.
339357. 4F–513/2. Konya.
339358. 4F/513/4. Konya.
339359. 4F–513/5. Konya.
339360. 4F–513/6. Konya.
339361. 4F–513/9. Konya.
339362. 4F–513/10. Konya.
339363. 4F–537/2. 'Horoz Fasulyesi'. Kutahya.
339364. 4F–559/2. 'Horoz Fasulyesi'. Amasya.
339365. 4F–559/3. 'Horoz Fasulyesi'. Amasya.
339366. 4F–559/5. 'Horoz Fasulyesi'. Amasya.
339367. 4F–559/8. 'Horoz Fasulyesi'. Amasya.
339368. 4F–559/9. 'Horoz Fasulyesi'. Amasya.
339369. 4F–567/1. 'Horoz Fasulyesi'. Bursa.
339370. 4F–567/3. 'Horoz Fasulyesi'. Bursa.
339371. 4F–567/4. 'Horoz Fasulyesi'. Bursa.
339372. 4F–567/5. 'Horoz Fasulyesi'. Bursa.
339373. 4F–567/6. 'Horoz Fasulyesi'. Bursa.
339374. 4F–567/7. 'Horoz Fasulyesi'. Bursa.
339375. 4F–567/8. 'Horoz Fasulyesi'. Bursa.
339376. 4F–567/9. 'Horoz Fasulyesi'. Bursa.
339377. 4F–567/10. 'Horoz Fasulyesi'. Bursa.
339378. 4F–568/1. 'Horoz Fasulyesi'. Bursa.
339379. 4F–568/2. 'Horoz Fasulyesi'. Bursa.
339380. 4F–568/3. 'Horoz Fasulyesi'. Bursa.
339381. 4F–568/4. 'Horoz Fasulyese'. Bursa.
339382. 4F–568/5. 'Horoz Fasulyesi'. Bursa.
339383. 4F–568/6. 'Horoz Fasulyesi'. Bursa.
339384. 4F–568/7. 'Horoz Fasulyesi'. Bursa.
339385. 4F–568/8. 'Horoz Fasulyesi'. Bursa.
339386. 4F–568/9. 'Horoz Fasulyesi'. Bursa.
339387. 4F–568/10. 'Horoz Fasulyesi'. Bursa.
339388. 4F–569/3. Bursa.
339389. 4F–569/5. Bursa.
339390. 4F–569/7. Bursa.

338974 to 339549—Continued

339341 to 339544—Continued

339391. 4F–569/9. Bursa.
339392. 4F–572/1. 'Horoz Fasulyesi'. Bolu.
339393. 4F–572/3. 'Horoz Fasulyesi'. Bolu.
339394. 4F–572/4. 'Horoz Fasulyesi'. Bolu.
339395. 4F–572/6. 'Horoz Fasulyesi'. Bolu.
339396. 4F–572/7. 'Horoz Fasulyesi'. Bolu.
339397. 4F–572/9. 'Horoz Fasulyesi'. Bolu.
339398. 4F–575/2. Silifke.
339399. 4F–575/3. Silifke.
339400. 4F–575/5. Silifke.
339401. 4F–575/6. Silifke.
339402. 4F–577/1. Bursa.
339403. 4F–577/3. Bursa.
339404. 4F–577/4. Bursa.
339405. 4F–577/6. Bursa.
339406. 4F–577/10. Bursa.
339407. 4F–578/3.
339408. 4F–578/5. Bursa.
339409. 4F–578/7. Bursa.
339410. 4F–578/8. Bursa.
339411. 4F–579/5. Manyas.
339412. 4F–579/7. Manyas.
339413. 4F–579/8. Manyas.
339414. 4F–579/10. Manyas.
339415. 4F–580/1. Ayvalik.
339416. 4F–580/5. Ayvalik.
339417. 4F–580/6.
339418. 4F–580/8. Ayvalik.
339419. 4F–580/9. Ayvalik.
339420. 4F–580/10. Ayvalik.
339421. 4F–581/2. Corlu.
339422. 4F–581/4. Corlu.
339423. 4F–581/5.
339424. 4F–581/9. Corlu.
339425. 4F–582/1. Corlu.
339426. 4F–582/5. Corlu.
339427. 4F–582/6. Corlu.
339428. 4F–582/8. Corlu.
339429. 4F–582/10. Corlu.
339430. 4F–583/1. Canakkale.
339431. 4F–583/3. Canakkale.
339432. 4F–583/4. Canakkale.
339433. 4F–583/5. Canakkale.

338974 to 339549—Continued

339341 to 339544—Continued

339434.	4F–583/7.	Canakkale.	
339435.	4F–583/8.	Canakkale.	
339436.	4F–584/3.	Giresun.	
339437.	4F–584/5.	Giresun.	
339438.	4F–584/6.	Giresun.	
339439.	4F–584/8.	Giresun.	
339440.	4F–585/2.	'Horoz Fasulyesi'.	Sivas.
339441.	4F–585/5.	'Horoz Fasulyesi'.	Sivas.
339442.	4F–585/6.	'Horoz Fasulyesi'.	Sivas.
339443.	4F–585/7.	'Horoz Fasulyesi'.	Sivas.
339444.	4F–585/9.	'Horoz Fasulyesi'.	Sivas.
339445.	4F–586/3.	'Horoz Fasulyesi'.	Samsun.
339446.	4F–586/5.	'Horoz Fasulyesi'.	Samsun.
339447.	4F–586/8.	'Horoz Fasulyesi'.	Samsun.
339448.	4F–586/10.	'Horoz Fasulyesi'.	Samsun.
339449.	4F–587/1.	Canakkale.	
339450.	4F–587/2.	Canakkale.	
339451.	4F–587/3.	Canakkale.	
339452.	4F–587/6.	Canakkale.	
339453.	4F–587/7.	Canakkale.	
339454.	4F–588/1.	'Horoz Fasulyesi'.	Bafra.
339455.	4F–588/2.	'Horoz Fasulyesi'.	Bafra.
339456.	4F–588/5.	'Horoz Fasulyesi'.	Bafra.
339457.	4F–588/8.	'Horoz Fasulyesi'.	Bafra.
339458.	4F–589/1.	'Horoz Fasulyesi'.	Silifke.
339459.	4F–589/3.	'Horoz Fasulyesi'.	Silifke.
339460.	4F–589/7.	'Horoz Fasulyesi'.	Silifke.
339461.	4F–589/8.	'Horoz Fasulyesi'.	Silifke.
339462.	4F–659/1.	'Horoz Fasulyesi'.	Almus.
339463.	4F–659/3.	'Horoz Fasulyesi'.	Almus.
339464.	4F–659/4.	'Horoz Fasulyesi'.	Almus.
339465.	4F–659/5.	'Horoz Fasulyesi'.	Almus.
339466.	4F–659/7.	'Horoz Fasulyesi'.	Almus.
339467.	4F–659/8.	'Horoz Fasulyesi'.	Almus.
339468.	4F–659/9.	'Horoz Fasulyesi'.	Almus.
339469.	4F–659/10.	'Horoz Fasulyesi'.	Almus.
339470.	4F–663/3.	Kocaeli.	
339471.	4F–663/4.	Kocaeli.	
339472.	4F–663/5.	Kocaeli.	
339473.	4F–663/6.	Kocaeli.	
339474.	4F–663/9.	Kocaeli.	
339475.	4F–663/10.	Kocaeli.	

338974 to 339549—Continued

339341 to 339544—Continued

339476. 4F–664/2. Eskieshir.
339477. 4F–664/3. Eskisehir.
339478. 4F–664/4.
339479. 4F–664/5. Eskisehir.
339480. 4F–672/1. 'Horoz Fasulyesi'. Bursa.
339481. 4F–672/2. 'Horoz Fasulyesi'. Bursa.
339482. 4F–672/3. 'Horoz Fasulyesi'. Bursa.
339483. 4F–672/4. 'Horoz Fasulyesi'. Bursa.
339484. 4F–672/5. 'Horoz Fasulyesi'. Bursa.
339485. 4F–672/6. 'Horoz Fasulyesi'. Bursa.
339486. 4F–672/7. 'Horoz Fasulyesi'. Bursa.
339487. 4F–672/8. 'Horoz Fasulyesi'. Bursa.
339488. 4F–672/9. 'Horoz Fasulyesi'. Bursa.
339489. 4F–672/10. 'Horoz Fasulyesi'. Bursa.
339490. 4F–672/11. 'Horoz Fasulyesi'. Bursa.
339491. 4F–683/1–1. 'Horoz Fasulyesi'. Bursa.
339492. 4F–683/1–2. 'Horoz Fasulyesi'. Bursa.
339493. 4F–683/1–4. 'Horoz Fasulyesi'. Bursa.
339494. 4F–692/1–1. 'Horoz Fasulyesi'.
339495. 4F–692/1–3. 'Horoz Fasulyesi'.
339496. 4F–692/1–5. 'Horoz Fasulyesi'.
339497. 4F–694/2–2. 'Beyaz Fasulye'. Zara.
339498. 4F–694/3–5. 'Beyaz Fasulye'. Zara.
339499. 4F–695/1–1. 'Dermason'. Tepekoy.
339500. 4F–695/1–2. 'Dermason'. Tepekoy.
339501. 4F–695/1–6. 'Dermason'. Tepekoy.
339502. 4F–717/1–1. Sogutlu.
339503. 4F–717/1–4. Sogutlu.
339504. 4F–724/1–2. 'Horoz Fasulyesi'. Yapalli.
339505. 4F–724/1–3. 'Horoz Fasulyesi'. Yapalli.
339506. 4F–731/2–2. Sogutcuk.
339507. 4F–732/2–1. 'Beyaz Sacma'. Cimiski.
339508. 4F–733/2–1. Cavuskoy.
339509. 4F–733/2–3. Cavuskoy.
339510. 4F–803/1–1. 'Beyaz Fasulye'. Merzifon.
339511. 4F–803/1–1. 'Horoz Fasulyesi'. Bursa.
339512. 4F–804/1–4. 'Horoz Fasulyesi'. Bursa.
339513. 4F–804/1–5. 'Horoz Fasulyesi'. Bursa.
339514. 4F–813/1–2. 'Horfoz Fasulyesi'. Adapazari.
339515. 4F–813/1–4. 'Horoz Fasulyesi'. Adapazari.
339516. 4F–822/2–1. 'Horfoz Fasulyesi'. Boyacikoyu.
339517. 4F–822/2–3. 'Horoz Fasulyesi'. Boyacikoyu.

338974 to 339549—Continued

339341 to 339544—Continued

339518. 4F–822/2–4. 'Horoz Fasulyesi'. Boyacikoyu.
339519. 4F–828/3–1. Elcik.
339520. 4F–829/1–1. 'Horoz Fasulyesi'. Irfaniye.
339521. 4F–829/1–4.
339522. 4F–833/1–1. 'Horoz Fasulyesi'. Cavus.
339523. 4F–833/1–4. 'Horoz Fasulyesi'. Cavus.
339524. 4F–833/2–2.
339525. 4F–833/2–3. 'Horoz Fasulyesi'. Cavus.
339526. 4F–833/2–4. 'Horoz Fasulyesi'. Cavus.
339527. 4F–833/2–5. 'Horoz Fasulyesi'. Cavus.
339528. 4F–840/1–2. 'Horoz Fasulyesi'. Yalincak.
339529. 4F–840/1–3. 'Horoz Fasulyesi'. Yalincak.
339530. 4F–840/1–4. 'Horoz Fasulyesi'. Yalincak.
339531. 4F–841/1–1. 'Horoz Fasulyesi'. Edebey.
339532. 4F–841/1–3. 'Horoz Fasulyesi'. Edebey.
339533. 4F–841/1–4. 'Horoz Fasulyesi'. Edebey.
339534. 4F–849/1–4. 'Kazak Horoz'. Bursa.
339535. 4F–849/1–5. 'Kazak Horoz'. Bursa.
339536. 4F–855/1–1. 'Horoz Fasulyesi'. Bursa.
339537. 4F–855/1–4. 'Horoz Fasulyesi'. Bursa.
339538. 4F–870/1–1. 'Yer Fasulyesi'. Tutunculer.
339539. 4F–870/1–3. 'Yer Fasulyesi.' Tutunculer.
339540. 4F–871/1–7. Tutunculer.
339541. 4F–871/1–10. Tutunculer.
339542. 4F–877/1–3. 'Tefeksiz Fasulyesi'. Bektasaga.
339543. 4F–877/1–5. 'Tefeksiz Fasulyesi'. Bektasaga.
339544. 4F–878/1–1. Inesoku.

339545 to 339548. SPINACIA OLERACEA L. Chenopodiaceae. **Spinach.**

339545. 101–2. Istanbul.
339546. 101–5. Maras.
339547. 101–9. Ankara.
339548. 101–25. Istanbul.

339549. MALUS SYLVESTRUS Mill. Rosaceae. **Apple.**

From England. Rootstock presented by the East Malling Research Station, Maidstone, Kent. Received January 23, 1969.

M.26 (1) B6/10. Virus free.

339550. LEUCAENA LEUCOCEPHALA (Lam.) deWit Leguminosae. **Leadtree.**

From Venezuela. Seed presented by Lourdes Cardenas de Guevara, Facultad de Agronomia, Universidad Central de Venezuela, Maracay. Received January 24, 1969.

339551 and 339552. VITIS VINIFERA L. Vitaceae.
European grape.

From France. Budsticks presented by Ecole National d'Agriculture de Montpellier, Montpellier. Received January 22, 1969.

339551. 'Galibert-Coulondre 22.131'.

339552. 'Seyve Villard 39639'.

339553 to 339561.

From the Philippines. Spores collected by R. G. Wilson, San Vito de Java, Costa Rica. Numbered January 24, 1969.

339553. ANGIOPTERIS PALMIFORMIS (Cav.) C. Chr. Marattiaceae.

339554. ANGIOPTERIS sp.

339555. CIBOTIUM CHAMISSOI Kaulf. Cyatheaceae.

339556. CYATHEA LEPIFERA (J. Smith) Copel. Polypodiaceae.

339557. POLYPODIUM sp. Polypodiaceae.

Sagada Mountain Province. Hand-shape fronds 20–25 cm. long.

339558. (Undetermined.)

Sagada Mountain Province. Silver fern.

339559. (Undetermined.)

Sagada Mountain Province. Leaves fine rosette—Davallia-like.

339560. (Undetermined.)

Sagada Mountain Province. Terrestrial in sun, 18 cm. high by 15 cm. wide.

339561. (Undetermined.)

Los Banos. Fronds flat on ground. Resembles *Acanthad.*

339562 to 339639. VIGNA SINENSIS (Torner) Savi Leguminosae.
Common cowpea.

From Uganda. Seed of 1968 harvest presented by P. N. Mehta, Makerere University College, Department of Crop Science and Production, Kampala. Received January 24, 1969.

From Australia.

339562. C2–575.

339563. C2–576.

339564. 11044.

From Botswana.

339565. 51C 295.

339566. 51C 421.

339567. 51C 877.

339568. CPM 3.

339569. CPM 8.

339570. CPM 12.

339571. 'Egyptian'.

339572. 'Sekgalo'.

339573. V.u 12 Emma.

From Ceylon.

339574. M.I.H. 202.

From Kenya.

339575. 'Kibarani'.

339576. Mak 1. (Machkos).

339577. Mak 1/5/B. (Machkos).

339578. Mak 1/54/A. (Machkos).

339579. Matwapa.

339580. 'Matwapa' (-a).

339581. 'Matwapa' (-b).

339582. V.u 3.

339562 to 339639—Continued

339583. V.u 6.

From Nigeria.

339584. 'Jackson Purple'.

From South Africa.

339585. 18.

339586. 34C 395.

339587. 51C 142.

339588. 51C 306. (Musihod).

339589. 51C 421–2.

339590. 51C 428.

339591. 53C 28.

339592. 53C 82.

339593. 53C 91–1.

339594. 53C 91–2.

339595. 54C 74–2.

339596. 54C 115–2.

From Tanzania.

339608. No. 1.

339609. No. 2.

339610. No. 3.

339611. No. 7.

339612. No. 11.

339613. No. 12.

339614. No. 13.

339615. No. 14.

339616. No. 15.

From Uganda.

339626. H.V.S. 6/60/6.

339627. I.V.S. 6124.

From Uganda (Gula).

339628. V.u 2.

339629. V.u 8.

From Uganda (Lango).

339632. V.u 7.

339633. V.u 11.

339634. V.u 13.

From Uganda (Serere).

339635. Local brown eye.

339636. H.V.S. 6/60/14.

339637. I.V.S. 6128.

339597. 65.

339598. 'Betchwana White'.

339599. 'Early Brown Eye'.

339600. 'Embu Buff'.

339601. 'Iran Grey'.

339602. 'New Era'.

339603. 'Pale Green'.

339604. 'Renoster'.

339605. 'Saunders Upright'.

339606. Unlabelled (speckled testa).

339607. 'Witzenborg'.

339617. No. 16.

339618. S.V.S.–3.

339619. S.V.S.–4.

339620. S.V.S.–47. (Ilonga).

339621. S.V.S.–47 (-a). (Ilonga).

339622. S.V.S.–47 (-b). (Ilonga).

339623. S.V.S.–98.

339624. S.V.S.–102.

339625. S.V.S.–129.

339630. V.u 9.

339631. V.u 14.

339638. S.V.S. 40.

339639. S.V.S. 90.

339640 to 339651. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From India. Seed presented by Director, Biology Division, Bahbba Atomic Research Centre, Trombay. Received January 24, 1969. X-ray induced mutants of Spanish Improved.

339640. Tall.
339641. Short–1.
339642. Short–2.
339643. Short–3.
339644. Imparipinnate.
339645. Fused top leaflets.
339646. Less branching.
339647. Dark green.
339648. Virescent.
339649. Small pod.
339650. Large pod.
339651. 691–11–4 Bulk (selection).

339652. PANICUM sp. Gramineae.

From Dominican Republic. Seed presented by Avelino Rosario, Barrio Rest Auracion, San Pedro de Macoris. Received January 24, 1969.

339653. IPOMOEA BATATAS (L.) Lam. Convolvulaceae.

Sweetpotato.

From Taiwan. Roots presented by the Dryland Food Crops, Joint Commission on Rural Reconstruction, Taipei. Received January 27, 1969.

'Jersey Orange'.

339654. DIGITARIA DIDACTYLA Willd. Gramineae.

From Guatemala. Stolons collected by A. J. Oakes, New Crops Research Branch, Beltsville, Maryland. Received August 15, 1968. Numbered January 27, 1969.

Col. 772. Retalhuleu. Fine stems. Solid mat. Indigenous to Mascarene Islands.

339655. GLYCINE sp. Leguminosae.

From Taiwan. Seed collected by Ying-Chuan Lu, Taiwan Provincial Chung-Hsing University, Taichung. Received January 28, 1969.

No. 63. Collected fall 1962, Cheng-Kung Mountain, Taichung, central Taiwan. Elevation of 60–150 m. Resembles *G. tomentosa*.

339656 to 339699.

From Australia. Seed presented by the Plant Introduction Officer, Department of Agriculture, Farrar Place, Sydney. Received January 28, 1969.

339656. GLYCINE CLANDESTINA Wendl. Leguminosae.

P873. No. 10. New South Wales.

339657. GLYCINE TOMENTELLA Hayata

P7881. 'Fineflower No. 1'. New South Wales.

339658. GLYCINE sp.

P7874. 'Yoongundie No. 1'. New South Wales.

339659. GLYCINE sp.

P7875. 'Gibraltar Range No. 1'. New South Wales.

339660. GLYCINE sp.

P7876. 'Gibraltar Range No. 2'. New South Wales.

339661. GLYCINE sp.

P7877. 'Cangai No. 1'. New South Wales.

339656 to 339699—Continued

339662. GLYCINE sp.

P7878. 'Yamba No. 1'. New South Wales.

339663. GLYCINE sp.

P7879. 'Yamba No. 2'. New South Wales.

339664. GLYCINE sp.

P7912. Native. Crafton.

339665. GLYCINE sp.

P7913. Native. Crafton.

339666 to 339699. GLYCINE WIGHTII (R. Grah. ex Wight & Arn.) Verdcourt Leguminosae.

339666. P42. C.P.I. 26433.
339667. P881. C.P.I. 27836.
339668. P882. C.P.I. 27834.
339669. P1277.
339670. P1402.
339671. P1409. C.P.I. 13420.
339672. P1425. C.P.I. 13300.
339673. P1426.
339674. P1447. Q 2056.
339675. P1456. C.P.I. 12600.
339676. P1460.
339677. P1461.
339678. P1463. C.P.I. 18419.
339679. P4918. C.P.I. 20737.
339680. P4924. C.P.I. 25337.
339681. P4925. C.P.I. 25421.
339682. P4926. C.P.I. 25422.
339683. P4931.
339684. P4934. C.P.I. 28278.
339685. P5155.
339686. P5156. K 52338.
339687. P5873. C.P.I. 25702.
339688. P6696. C.P.I. 36622.
339689. P6697. C.P.I. 36623.
339690. Q3278.
339691. C.P.I. 23411.
339692. C.P.I. 25336.
339693. C.P.I. 25423.
339694. C.P.I. 25431.
339695. C.P.I. 25701.
339696. C.P.I. 25918.
339697. C.P.I. 29308.
339698. C.P.I. 40544.
339699. C.P.I. 37508.

339700 to 339709.

From Argentina. Seed presented by School of Agriculture, Northeast National University of Argentina, Corrientes, Corrientes Province. Received January 28, 1969.

339700. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

'Bellati L 263'.

339701. LOLIUM MULTIFLORUM Lam. Gramineae. **Italian ryegrass.**

339702. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

'San Martin'.

339703. PHALARIS AQUATICA L. Gramineae. **Large canarygrass.**

339704. SORGHUM ALMUM Parodi Gramineae.

339705 to 339707. SORGHUM BICOLOR (L.) Moench **Sorghum.**

339705. 'Feterita'. White seed.
339706. Seed orange. (Received as *S. caffrorum*).
339707. Seed tan. (Received as *S. saccharatum*).

339708. TRIFOLIUM ALEXANDRINUM L. Leguminosae. **Berseem clover.**

339700 to 339709—Continued

339709. VIGNA SINENSIS (Torner) Savi Leguminosae. **Cowpea.**
'Victor'.

339710 to 339712.

From India. Seed presented by Indian Agricultural Research Institute, Division of Plant Introduction, New Delhi. Received January 28, 1969.

339710. ARACHIS HYPOGAEA L. Leguminosae. **Peanut.**
'Asiriya Mwitunde'. Hyderabad, Andhra Pradesh.

339711 and 339712. PRUNUS ARMENIACA L. Rosaceae. **Apricot.**
339711. 'Baiti'. Simla, Himachal Pradesh.
339712. 'Kaisi'. Simla, Himachal Pradesh.

339713 to 339716. VITIS VINIFERA L. Vitaceae.

European grape.

From Spain. Cuttings presented by the Centro de Ampelografia y Viticultura, Instituto Nacional de Investigaciones Agronomicas, Madrid. Received January 30, 1969.

339713. 'Macabeo'.
339714. 'Ohanes'.
339715. 'Parellada'.
339716. 'Xarello'.

339717. PRUNUS sp. Rosaceae.

From England. Rootstock presented by the East Malling Research Station, Maidstone, Kent. Received February 4, 1969.

F12/1. B/10.

339718 to 339722. VITIS VINIFERA L. Vitaceae.

European grape.

From France. Cuttings presented by the Station de Recherches de Viticulture, Pont de la Maye (Gironde). Received February 4, 1969.

339718. 'Argant'.
339719. 'Biancone'.
339720. 'Jurancon Blanc'.
339721. 'Rolle'.
339722. 'Sciacarello'.

339723 to 339726. CORYLUS AVELLANA L. Betulaceae. **Filbert.**

From Italy. Cuttings presented by the Istituto Sperimentale per La Frutticoltura, Rome. Received February 4, 1969.

339723. 'Mortarella'.
339724. 'Nocchione'.
339725. 'Riccia di Talanico'.
339726. 'San Giovanni'.

339727. KIRENGESHOMA PALMATA Yatabe Saxifragaceae.

From Japan. Plant presented by the Kurume Branch, Horticultural Research Station, Miimachi, Kurume. Received February 4, 1969.

339728. FRAGARIA (hybrid). Rosaceae.

From India. Plants presented by the Division of Plant Introduction Indian Agricultural Research Institute, New Delhi. Received February 4, 1969.

'Pusa Early Dwarf'.

339729. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From Brazil. Presented by J. S. Nisbet, Linhas Corrente S. A., Sao Paulo. Received February 4, 1969.

'Black Moco'. High oil content.

339730. ORYZA SATIVA L. Gramineae. **Rice.**

From Australia. Seed presented by the Commonwealth Scientific and Industrial Research Organization, Canberra City. Received February 4, 1969.

'Kulu'.

339731 to 339738. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

From Korea. Seed presented by Kun Chul Shin, Director, Kangwon-Do Provincial Office Rural Development, Chunchon, through R. D. Lewis, United States Operations Mission. Collected in 1968. Received February 4, 1969.

339731. No. 1. Cheng Nam Ri Du Chon Myun, Hong Cheon Kun. Green to brown.

339732. No. 2. Ki Hwa Ri Mi Tan Myun, Pyung Chang Kun. Black.

339733. No. 3. Chul Won Kin. Black.

339734. No. 4. You Chun 2 Ri Do Am Myun, Pyung Kun. Large, black.

339735. No. 5. Yee Cock Ri Pyung Chang Myun, Pyung Chang Kun. Black.

339736. No. 6. Hap Kang Ri In Je Myun, In Je Kun. Large, brown.

339737. No. 7. Man Dee Ri Yang Ku Myun, Yang Ku Kun. Shiny, speckled.

339738. No. 8. 565 You Cheon Dong, Kang Neung City. Shiny, speckled.

339739 to 339806.

From Czechoslovakia. Seed presented by Jos. Lahola, Agricultural Research Station, Sumperk—Temenice. Code numbers from 1965–1968 Index Seminum, Central Research Institute for Plant Production, Prague. Received February 5, 1969.

339739. LINUM ALPINUM L. Linaceae. **Alpine flax.**

339740. LINUM ANGUSTIFOLIUM Huds. Linaceae. **Narrowleaf flax.**

339741. LINUM AUSTRIACUM L. **Austrian flax.**

339742. LINUM NARBONENSE L. **Narbonne flax.**

339743. LINUM PERENNE L. **Perennial flax.**

339744 to 339806. LINUM USITATISSIMUM L. **Common flax.**

339744. 2–202. A 1200.

339745. 2–301. Afghanistan.

339746. 2–50. ALC–II–2.

339747. 2–51. ALC–II–6.

339748. 2–582. Alfa Olajlen.

339749. 2–105. Av La Estanzuela.

339750. 2–106. Av 81 × Estanzuela.

339751. 2–41. Barbarigo.

339752. 2–304. Bella.

339753. 2–391. Bernburger olfaserlein.

339754. 2–207. Boergen 114X.

339755. 2–151. Bulharsky 432.

339756. 2–152. Bulharsky 1290.

339757. 2–209. C.A.N. 2612–A (Canada).

339739 to 339806—Continued

339744 to 339806—Continued

339758. 2–164. C.A.N. 2763–A (Canada).
339759. 2–167. C.A.N. 2900–C (Canada).
339760. 2–687. Crocus.
339761. 2–163. Csohaj.
339762. 2–654. Cyprus.
339763. 2–461. Dachfeld.
339764. 2–253. Entres Rios.
339765. 2–59. Fleischmann oil.
339766. 2–320. Fortex.
339767. 2–688. Gentiana.
339768. 2–257. H–2 (Uruguay).
339769. 2–259. Hindi.
339770. 2–81. Hoshaugabad.
339771. 2–242. Charus.
339772. 2–29. Kenya C.I. 709.
339773. 2–265. Keteni Kayseri.
339774. 2–333. Kristina.
339775. 2–636. Kubanskij 1.
339776. 2–635. Kubanskij 9.
339777. 2–637. Kubanskij 22.
339778. 2–268. Laboratorium.
339779. 2–178. La Estanzuela.
339780. 2–239. La Plata.
339781. 2–689. Lila.
339782. 2–346. Mapum M.A.
339783. 2–345.
339784. 2–486. Meroc.
339785. 2–645. Martin.
339786. 2–411. Medra.
339787. 2–690. Ocean.
339788. 2–273. P–6098–17–3–1.
339789. 2–351. Pacific.
339790. 2–39. Primus.
339791. 2–274. Raba 0–1.
339792. 2–275. Raba 0189.
339793. 2–276. Raba 0196.
339794. 2–279. Roland.
339795. 2–83. San Elias.
339796. 2–644. Siciliana.
339797. 2–364. Svalof 0222.
339798. 2–365. Svalof 029 B–1.

339739 to 339806—Continued

339744 to 339806—Continued

339799. 2–284. Szekacs 6–1.

339800. 2–237. Sumpersky Novum.

339801. 2–236. Sumpersky Zdar.

339802. 2–285. Tabare.

339803. 2–291. Valuta.

339804. 2–681. Vorin.

339805. 2–682. Wicking Hegenen.

339806. 2–683. Voronezskij.

339807. ATRIPLEX LEUCOCLADA var. TURCOMANICA (Moq.) Zoh. Chenopodiaceae.

From Israel. Seed presented by the Negev Institute for Arid Zone Research, Beer-Sheva. Received February 5, 1969.

339808. COIX LACRYMA-JOBI var. MA-YUEN (Roman.) Stapf ex Hook. Gramineae.

From Brazil. Seed presented by B. V. Skvortzov, Instituto de Botanica, Sao Paulo, originally from J. Ohwi, National Science Museum Tokyo, Japan. Received February 5, 1969.

339809 to 339820.

From England. Seed presented by R. C. Macer, Plant Breeding Station, Rothwell near Caistor, Lincolnshire. Received February 5, 1969.

339809 to 339815. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**

339809. 'Deba Abed'. David Miln & Co., Ltd., Chester.

339810. 'Inis'.

339811. 'Julia'.

339812. 'Maris Concord'. F.G.H. Lupton, Plant Breeding Institute, Trumpington, Cambridge.

339813. 'Maris Otter'. F.G.H. Lupton, Plant Breeding Institute, Trumpington, Cambridge.

339814. 'Sultan'.

339815. 'Zephyr'.

339816. HORDEUM VULGARE L. **Common barley.**

'Senta'.

339817 to 339820. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

339817. 'Joss Cambier'.

339818. 'Maris Ensign'. F.G.H. Lupton, Plant Breeding Institute, Trumpington, Cambridge.

339819. 'Maris Ranger'. F.G.H. Lupton, Plant Breeding Institute, Trumpington, Cambridge.

339820. 'Rothwell Sprite'.

339821 to 339862.

From France. Seed presented by M. Simon, Institute National de la Recherche Agronomique, Versailles. Received February 5, 1969.

339821 to 339824. AVENA SATIVA L. Gramineae. **Common oats.**

Spring oats.

339821 to 339862—Continued

339821 to 339824—Continued

339821. 'Astor'.
339822. 'Caravelle'.
339823. 'Condor'.
339824. 'Flamingskrone'.

339825 to 339835. HORDEUM VULGARE L. Gramineae. **Common barley.**

Winter barley.

339825. 'Ager'.
339826. 'Astrix'.
339827. 'Monlon'.

Spring barley.

339828. 'Kervana'.
339829. 'Mamie'.
339830. 'Olympe'.
339831. 'Prelude'.
339832. 'Regina'.
339833. 'Sultan'.
339834. 'Trait d'Union'.
339835. 'Zemir'.

339836 to 339861. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

Winter wheat.

339836. 'Asso'.
339837. 'Bizel'.
339838. 'Bleroy'.
339839. 'Bocquinu'.
339840. 'Bogrin'.
339841. 'Boulmiche'.
339842. 'Capitole'.
339843. 'Cordial'.
339844. 'Elysee'.
339845. 'Etendard'.
339846. 'Flinor'.
339847. 'Gaillard'.
339848. 'Hardi'.
339849. 'Heima'.
339850. 'Lutece'.
339851. 'Major'.
339852. 'Mistral'.
339853. 'Montjoie'.
339854. 'Onyx'.
339855. 'Prieur'.
339856. 'Promesse'.
339857. 'Roisel'.

Spring wheat.

339858. 'Atys'.
339859. 'Cesar'.
339860. 'Pascal'.
339861. 'Peguy'.

339862. TRITICUM DURUM Desf. **Durum wheat.**

'Mandon'.

339863 to 339871.

From Korea. Seed presented by Keu Yong Park, Chief, Upland Crops Culture Division, Office of Rural Development, Suwon. Received February 6, 1969.

339863 to 339870. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

339863. No. 1. Dongsan No. 6.
339864. No. 2. Banchongdoo.
339865. No. 3. Beamkong.
339866. No. 4. Chungtae.
339867. No. 5. Sunbijabikong.
339868. No. 6. Yuwoltae.
339869. No. 7. Ajukarikong.

339863 to 339871—Continued

339863 to 339870—Continued

339870. No. 8. (No name). Propagated by Dr. Chang.

339871. GLYCINE USSURIENSIS Regel & Maack

No. 9. Chejudo Dolkong.

339872 and 339873. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Australia. Seed presented by Curator, Australian Wheat Collection, Tamworth, New South Wales. Received February 6, 1969.

339872. H 996. 'Gandum sockhay'. Hexaploid. Origin—3 miles west of Barki, Afghanistan. Elevation 9,600 feet.

339873. H 1007. Afghanistan.

339874. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From Mexico. Seed collected by C. E. Smith, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Md. Received February 6, 1969.

Col. 4741. Perennial shrub to 2 m. high, in flower and fruit. Flowers light yellow turning pink with age. Collected in Mitla, Oaxaca, July 1968.

339875. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From India. Seed presented by the Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received February 6, 1969.

'Kalyan'.

339876 and 339877.

From Brazil. Seed presented by the Secretaria da Agriculture, Instituto de Botanica, Sao Paulo. Received February 6, 1969.

339876. CENTROLOBIUM ROBUSTUM (Vell.) Mart. ex Benth. Leguminosae.

339877. SICANA ODORIFERA (Vell.) Naud. Cucurbitaceae. **Casabanana.**

339878 and 339879.

From South Australia. Seed presented by the T.R.N. Lothian, Botanic Garden, Adelaide. Received January 1969. Numbered February 6, 1969.

339878. EUCALYPTUS CALOPHYLLA Lindl. Myrtaceae. **Port Gregory gum.**

339879. EUCALYPTUS FICIFOLIA F. Muell. **Scarlet gum.**

339880 and 339881. AVENA SATIVA L. Gramineae. **Commnn oats.**

From Australia. Seed presented by J. H. Ballard, New South Wales Department of Agriculture, Sydney. Received February 6, 1969.

339880. 'Cooba'.

339881. 'Coolabah'.

339882 and 339883. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From Canada. Seed grown by T. O. Graham, Department of Horticulture, University of Guelph, Guelph, Ontario. Originally collected in Kashmir, India. Received February 6, 1969.

339882. Col. 49. High acid.

339883. Col. 50. High acid.

339884 to 339887.

From Turkey. Seed collected April–June 1968 by Darrell R. Bienz, Department of Horticulture, Washington State University, Pullman Washington. Received February 6, 1969.

339884. LATHYRUS HIRSUTUS L. Leguminosae. **Rough peavine.**

68–7. Bornova. Many pods per peduncle. Vine and flowers small.

339885 to 339887. PISUM SATIVUM L. Leguminosae. **Garden pea.**

339885. 68–1. Simekler, farmers' market. Pods small, 1–2 per peduncle. Mixture.

339886. 68–3. Near Kamelpasa along orchard ditchbanks. Flower purple, seed bitter; winter hardy.

339887. 68–6. 'Karagoz'. Cultivated in northern Turkey. Seed with black eye, not sweet; winter hardy.

339888 to 339890. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**

From Finland. Seed presented by Matti Rekunen, Plant Breeding Institute of Nankkija, Kangasala. Received February 6, 1969.

339888. 'Arvo'. 'Pearl' × 'Balder'. Malting barley, released 1966 by Agricultural Research Centre, Department of Plant Breeding, Jokioinen.

339889. 'Karri'. 'Carlsberg' × 'Rigel'. Malting barley, released 1968 by Plant Breeding Institute of Hankkija.

339890. 'Louhi'. Local variety × 'Guld'. Released 1934 by Plant Breeding Institute of Hankkija.

339891. PANICUM MAXIMUM Jacq. Gramineae. **Guineagrass.**

From Honduras. Seed collected by A. J. Oakes, Jr., New Crops Research Branch, Plant Industry Station, Beltsville, Maryland. Received February 6, 1969.

Col. 821. Escuela Agricola Panamericana, Tegucigalpa. Plant including seed head 3 m. high, foliage 2 m. high, stems coarse. Heavy seeder.

339892 to 339898.

From Australia. Seed presented by the Division plant Industry Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Received February 6, 1969.

339892 and 339893. CENCHRUS CILIARIS L. Gramineae. **Buffelgrass.**

339892. 'Nunbank'.

339893. 'Tarewinabar'.

339894. FUGOSIA POPULIFOLIA Benth. Malvaceae.

339895. GLYCINE WIGHTII (R. Grah. ex Wight & Arn.) Verdcourt Leguminosae.

'Cooper'.

339896 and 339897. PASPALUM PLICATULUM Michx. Gramineae. **Brownseed paspalum.**

339896. 'Hartley'.

339897. 'Rodds Bay'.

339898. STYLOSANTHES GUYANENSIS (Aubl.) Swartz Leguminosae.

'Schofield Stylo'.

339899 and 339900. PISUM SATIVUM L. Leguminosae. **Garden pea.**

From Greece. Seed collected by Dr. Darrell R. Bienz, Department of Horticulture, Washington State University, Pullman, Washington. Received February 7, 1969.

339899. 68–4. 'Kephallnnia'. Athens.

339900. 68–5. 'Kefalinia'. M–3495. Selected at Institute of Plant Breeding, Thessalonika. Winter hardy.

339901 to 339905.

From Guatemala. Seed collected by A. J. Oakes, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received February 7, 1969.

339901. CENTROSEMA sp. Leguminosae.

Col. 832. Along highway 9S, 5 km. south of Retalhuleu. Plant 2 m. high. Few seed pods mature.

339902 and 339903. DOLICHOS LABLAB L. Leguminosae. **Hyacinth-bean.**

339902. Col. 827. Motel Plaza, Guatemala City. Flowers purple, pods 5 to 8 cm. long, 2 cm. wide, blue when immature, viny form; seed black with white hilum.

339903. Col. 828. 'Rongai Strain'. from Australia. Food and Agriculture Organization Collection, Guatemala City. Seed light tan with large white hilum.

339904. VIGNA VEXILLATA (L.) Benth. Leguminosae.

Col. 833. Along highway 9S, 5 km. south of Retalhuleu. Vine, trifoliate pubescent leaves; flowers yellow; pods 6 to 8 cm. long, 6 to 8 mm. diameter, brown pubescence, 2 to 3 per raceme; seed spherical, black.

339905. PENNISETUM TYPHOIDES (Burm. f.) Stapf & C. E. Hubbard Gramineae.

Col. 830. 'Katherine Strain' from Australia. Food and Agriculture Organization, Guatemala City.

339906 and 339907.

From El Salvador. Seed collected by A. J. Oakes, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received February 7, 1969.

339906. INDIGOFERA sp. Leguminosae.

Col. 825. From plants in old Ministry of Agriculture plots near Sonsonate. Plants 2 to 2.5 m. high.

339907. PANICUM MAXIMUM Jacq. Gramineae. **Guineagrass.**

Col. 826. 'Gaton'. Finca El Hobo on Highway 4 near Zaragoza. Plants root at lower nodes, very leafy, to 1 m. high.

339908 and 339909. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Peru. Tubers presented by Servicio de Investigacion y Promocion Agraria, Lima. Received February 7, 1969.

From Breeding program of Fermin Del La Puente. Reportedly frost resistant. Possible indicator for potato virus A.

339908. H1388–64.

339909. H1513–64.

339910 to 339944. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From the United States and other countries. Seed presented by John W. Clark, Elkton, Md. Received February 10, 1969.

Origin Australia.

339910. 'Bowen Red'. Rumsey's Seeds, Parametta.

339911. 'Burnley Fortune'. Burnley Agriculture College, Melbourne. Determinate, uniform green ripening, heavy set, early. Resistant to *Verticillium*.

339912. 'Queensland–3' (or 'Q3'). Rumsey's Seeds, Parametta.

Origin Canada.

339913. 'Armstrong W217'. W. A. Peron & Co., Montreal, Quebec.

339914. 'Coldset'. Ontario Agricultural College, Guelph, Ontario. Determinate; has withstood 14 degrees of frost.

339915. 'Early High Crimson'. Ontario Agricultural College, Guelph, Ontario.

339916. 'Pink Vogue'. Vineland Research Station Station, Vineland, Ontario.

339917. 'Sugawara'. Research Station, Summerville, British Columbia.

339918. 'Venture'. Vineland Research Station, Vineland, Ontario. Determinate or dwarf vine, very good set.

Origin England.

339919. 'Antimold'. W. T. Brown Co. Greenhouse variety.

339920. 'Brown's Jubilee'. W. T. Brown Co.

339921. 'Golden Dawn'. W. T. Brown Co.

339922. 'Stoners Al'. Stoners. Fruit same size as 'Moneymaker'.

Origin Germany.

339923. 'Stabtomate Hellfrucht No. 190' (Perle vm Siebengegirge). Adolf Frembgen Seedsmen.

Origin Italy. Paolo Bulleri F. and Son, Scafati, Salerno.

339924. 'Florentino'. Fruit large, flattened, medium early.

339925. 'Glorioso BPF'. Determinate. Fruit large globe.

339926. 'Marmande Super Primizia N–10 BPF'. Fruit large, globe slightly flattened, ribbed, early.

339927. 'The Miracle BPF'. Dwarf, bushy. Fruit medium, globe, very early.

Origin South Africa, Department of Agriculture, Pretoria.

339928. 'Beauty'.

339929. 'Homestead Fr 761'.

339930. 'Marvel'.

Origin Spain. Department of Agriculture, Madrid.

339931. 'Cereza (de Colgar)'.

339932. 'Laval'. Productores de Semillas, S. A., Valladolid.

339933. 'Montsaerrat'.

339934. 'Palo Santa de Inglaterra'.

339935. 'Pomenta Tardio'.

339910 to 339944—Continued

339936. 'Pometa Valencia'.

339937. 'San Pedro'.

339938. 'Tres Cantos'.

339939. 'Century'. L. L. Olds Seed Co., Madison, Wis.

339940. 'Chalks Early Jewell'. Northrup, King & Co., Minneapolis, Minn.

339941. 'Dwarf Stone'. Vaughan's Seed Co., Chicago, Ill. Potato leaf.

339942. 'Geneva II'. Agr. Expt. Sta., Geneva, N. Y. Potato leaf.

339943. 'Golden Dwarf Champion'. Potato leaf. Heavy set.

339944. 'Truckers Favorite'. J. W. Jung Seed Co., Randolf, Wis.

339945 to 339976. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From Argentina. Seed presented by Victor Hemsy, Facultad de Agronomia y Zootecnia, San Miguel de Tucuman through Office of Agricultural Attache, American Embassy, Buenos Aires. Received February 10, 1969.

Libertadoe Gral. San Martin, Jujuy Province.

339945. 2.

339946. 3.

339947. 4.

339948. 5.

Oran, Salta Province.

339949. 6.

339950. 22.

339951. 23.

339952. 24.

339953. 7.

339954. 16.

339955. 27.

339956. 28.

Tabacal, Salta Province.

339957. 8.

Tartagal, Salta Province.

339958. 9.

Pichanal, Salta Province.

339959. 10.

San Pedro de Jujuy, Jujuy Province.

339960. 12.

339961. 13.

339962. 25.

Bermejo, Tarija Province, Bolivia.

339963. 14.

339964. 18.

339965. 19.

339966. 20.

339967. 21.

339968. 29.

339969. 30.

339970. 31.

Yacuiba, Tarija Province, Bolivia.

339971. 15.

339972. 32.

339973. 33.

Yuto, Jujuy Province, Bolivia.

339974. 11.

339945 to 339976—Continued

339975. 17.

339976. 26.

339977 to 340054. GLYCINE MAX (L.) Merr. Leguminosae. Soybean.

From Korea. Seed presented by Keun Yong Park, Chief, Upland Crops Culture Division, Office of Rural Development, Suwon. Received February 10, 1969.

From Kyonggi-do Province.

339977. No. 1. Kwangju. Flowers white, seed coat yellow, hilum brown.

339978. No. 2. Eujongbu. Flowers white, seed coat brown, hilum dark brown.

339979. No. 3. Eujongbu. Flowers purple, seed coat yellow, hilum brown.

339980. No. 4. Suwon. Flowers purple, seed coat black, hilum black.

339981. No. 5. Inchon. Flowers purple, seed coat yellow, hilum black.

339982. No. 6. Inchon. Flowers purple, seed coat yellow, hilum brown.

339983. No. 7. Yongin. Flowers purple, seed coat brown, hilum dark brown.

339984. No. 8. Yongin. Flowers purple, seed coat yellowish green, hilum brown.

339985. No. 9. Yongin. Flowers purple, seed coat yellow, hilum brown.

339986. No. 10. Yongin. Flowers purple, seed coat yellow, hilum brown.

339987. No. 11. Kwangju. Flowers purple. seed coat yellow, hilum brown.

339988. No. 12. Pochon. Flowers purple, seed coat yellow, hilum dark brown.

339989. No. 13. Kimpo. Flowers purple, seed coat yellowish green, hilum black.

339990. No. 14. Inchon. Flowers purple, seed coat brown, hilum black.

339991. No. 15. Pyongtack. Flowers white, seed coat yellow, hilum yellow.

339992. No. 16. Pyongtack. Flowers purple, seed coat yellow, with black saddle, hilum white.

339993. No. 17. Koyang. Flowers white, seed coat yellow, hilum brown.

339994. No. 18. Yangpyong. Flowers purple, seed coat black and white mottled, hilum black.

339995. No. 19. Bucheon. Flowers purple, seed coat yellow, hilum black.

From Kangwon-Do Province.

339996. No. 20. Inje. Flowers purple, seed coat yellow, hilum yellow.

339997. No. 21. Whachen. Flowers purple, seed coat yellow, hilum yellow.

339998. No. 22. Pyongchang. Flowers white, seed coat yellow, hilum brown.

339999. No. 23. Samchok. Flowers white, seed coat yellow, hilum yellow.

340000. No. 24. Jongson. Flowers purple, seed coat yellow, hilum brown.

340001. No. 25. Jongson. Flowers purple, seed coat yellow, hilum yellow.

340002. No. 26. Sokcho. Flowers white, seed coat yellow, hilum yellow.

339977 to 340054—Continued

340003. No. 27. Sokcho. Flowers purple, seed coat yellow, hilum brown.

340004. No. 28. Hoengsong. Flowers white, seed coat yellow, hilum brown.

340005. No. 29. Hoengsong. Flowers white, seed coat yellow, hilum brown.

340006. No. 30. Gosong. Flowers white, seed coat yellow, hilum brown.

340007. No. 31. Yeongwol. Flowers white, seed coat yellow, hilum yellow.

340008. No. 32. Yeongwol. Flowers purple, seed coat yellow, hilum brown.

340009. No. 33. Yeongwol. Flowers white, seed coat yellow, hilum yellow.

340010. No. 34. Wonsong. Flowers purple, seed coat yellow, hilum yellow.

From Chungchong-Nem-Do Province.

340011. No. 35. Chonan. Flowers white, seed coat yellow, hilum yellow.

340012. No. 36. Nonsan. Flowers purple, seed coat yellow, hilum yellow.

340013. No. 37. Yonki. Flowers purple, seed coat black with green ridge, hilum black.

340014. No. 38. Yonki. Flowers purple, seed coat pale green, hilum brown.

340015. No. 39. Chongyang. Flowers purple, seed coat yellow, hilum yellow.

340016. No. 40. Hongsong. Flowers purple, seed coat black with green ridge, hilum white.

340017. No. 41. Hongsong. Flowers purple, seed coat yellow, hilum brown.

340018. No. 42. Kongju. Flowers white, seed coat yellow, hilum brown.

From Cholla Province.

340019. No. 43. Iksan. Flowers white, seed coat yellow, hilum brown.

340020. No. 44. Kimche. Flowers white, seed coat yellow, hilum brown.

340021. No. 45. Muju. Flowers white, seed coat yellow, hilum yellow.

From Cholla Namdo Province.

340022. No. 46. Jangsong. Flowers purple, seed coat pale green, hilum brown.

340023. No. 47. Jangsong. Flowers purple, seed coat yellow, hilum brown.

340024. No. 48. Koksong. Flowers white, seed coat yellow, hilum yellow.

340025. No. 49. Sungju. Flowers purple, seed coat brown, hilum brown.

340026. No. 50. Sungju. Flowers purple, seed coat black, hilum white.

340027. No. 51. Sungju. Flowers purple, seed coat yellow, hilum yellow.

340028. No. 52. Yochon. Flowers purple, seed coat yellow, hilum yellow.

340029. No. 53. Naju. Flowers purple, seed coat dark green, hilum brown.

340030. No. 54. Naju. Flowers purple, seed coat yellow, hilum yellow.

340031. No. 55. Sunchon. Flowers white, seed coat yellow, hilum yellow.

340032. No. 56. Kwangju. Flowers purple, seed yellow, hilum yellow.

339977 to 340054—Continued

340033. No. 57. Kosong. Flowers purple, seed coat yellow, hilum brown.

340034. No. 58. Kosong. Flowers purple, seed coat purple, hilum brown.

340035. No. 59. Coheoung. Flowers purple, seed coat yellow, hilum brown.

340036. No. 60. Kure. Flowers purple, seed coat yellow, hilum yellow.

340037. No. 61. Muan. Flowers white, seed coat yellow, hilum brown.

340038. No. 62. Muan. Flowers purple, seed coat yellow, hilum brown.

340039. No. 63. Mokpo. Flowers purple, seed coat yellow, hilum brown.

From Kyongsang Pukdo Province.

340040. No. 64. Andong. Flowers purple, seed coat pale green, hilum black.

340041. No. 65. Chongdo. Flowers white, seed coat yellow, hilum yellow.

340042. No. 66. Youngyang. Flowers purple, seed coat black, hilum white.

340043. No. 67. Youngyang. Flowers white, seed coat yellow, hilum brown.

340044. No. 68. Wolsong. Flowers purple, seed coat yellow, hilum yellow.

340045. No. 69. Gunwi. Flowers purple, seed coat dark green, hilum brown.

340046. No. 70. Gunwi. Flowers white, seed coat yellow, hilum brown.

340047. No. 71. Gunwi. Flowers white, seed coat yellow, hilum brown.

340048. No. 72. Dalsung. Flowers purple, seed coat yellow, hilum brown.

340049. No. 73. Youngchou. Flowers white, seed coat yellow, hilum yellow.

340050. No. 74. Taegu. Flowers white, seed coat yellow, hilum brown.

340051. No. 75. Bongwha. Flowers purple, seed coat yellow, hilum brown.

340052. No. 76. Yenchon. Flowers white, seed coat white, hilum brown.

340053. No. 77. Kimchon. Flowers white, seed coat white, hilum brown.

340054. No. 78. Andong. Flowers purple, seed coat white, hilum brown.

340055 to 340177.

From Turkey. Seed presented by Rifat Gerek, Plant Breeding Station, Eskisehir. Collected in Provinces indicated. Received February 10, 1969.

340055 to 340058. AGROPYRON CRISTATUM (L.) Gaertn. Gramineae. **Crested wheatgrass.**

340055. 2–417. Afyon.

340056. 2–419. Ankara.

340057. 2–420. Ankara.

340058. 2–503. Ankara.

340059 to 340061. AGROPYRON DESERTORUM (Fisch. ex Link) Schult. **Standard wheatgrass.**

340059. 2–34. 'Karabayir'. Eskisehir.

340060. 2–69. Bursa.

340061. 2–421. Ankara.

340062 and 340063. AGROPYRON ELONGATUM (Host) Beauv. **Tall wheatgrass.**

340062. 2–418. Afyon.

340063. 2–425. Ankara.

340055 to 340177—Continued

340064 and 340065. AGROPYRON INTERMEDIUM (Host) Beauv. **Intermediate wheatgrass.**

340064. 2–432. Ankara.

340065. 2–424. Ankara.

340066. AGROPYRON sp.

2–431. Afyon.

340067. BROMUS ERECTUS Huds. Gramineae. **Meadow bromegrass.**

2–416. Ankara.

340068 to 340070. BROMUS INERMIS Leyss. **Smooth bromegrass.**

340068. 2–74. Bursa.

340069. 2–133. Eskisehir.

340070. 2–426. Ankara.

340071. BROMUS sp.

2–153. Antalya.

340072 to 340097. CARTHAMNUS TINCTORIUS L. Compositae. **Safflower.**

340072. 5–37. Ankara.
340073. 5–38. Ankara.
340074. 5–39. Nigde.
340075. 5–40. Konya.
340076. 5–41. Konya.
340077. 5–42. Konya.
340078. 5–43. Konya.
340079. 5–44. Konya.
340080. 5–62. Kayseri.
340081. 5–63. Balikesir.
340082. 5–64. Bursa.
340083. 5–65. Eskisehir.
340084. 5–66. Maras.
340085. 5–67. Maras.
340086. 5–110. Eskisehir.
340087. 5–112. Manisa.
340088. 5–113. Kutahya.
340089. 5–114. Ankara.
340090. 5–115. Afyon.
340091. 5–116. Balikesir.
340092. 5–117. Eskisehir.
340093. 5–121. Eskisehir.
340094. 5–123. Eskisehir.
340095. 5–124. Eskisehir.
340096. 5–125. Eskisehir.
340097. 5–126. Eskisehir.

340098 to 340101. DACTYLIS GLOMERATA L. Gramineae. **Orchardgrass.**

340098. 2–35. Eskisehir.

340099. 2–150. Antalya.

340100. 2–501. 'Haymana'. Ankara.

340101. 2–502. Ankara.

340102. FESTUCA PRATENSIS L. Gramineae. **Meadow fescue.**

2–427. Ankara.

340103. FESTUCA OVINA L. **Sheep fescue.**

2–36. Eskisehir.

340104. to 340111. LOLIUM PERENNE L. Gramineae. **Perennial ryegrass.**

340104. 2–26. Ankara.
340105. 2–135. Eskisehir.
340106. 2–435. Istanbul.
340107. 2–497. Istanbul.
340108. 2–499. Bursa.
340109. 2–554. Kayseri.
340110. 2–555. Bursa.
340111. 2–556.

340055 to 340177—Continued

340112 to 340123. MEDICAGO SATIVA L. Leguminosae. Alfalfa.

340112. 1–45. Ankara.
340113. 1–53. Eskisehir.
340114. 1–312. Kayseri.
340115. 1–313. Kayseri.
340116. 1–314. Kayseri.
340117. 1–315. Kayseri.
340118. 1–316. Kayseri.
340119. 1–317. Isparta.
340120. 1–318. Isparta.
340121. 1–319. Isparta.
340122. 1–320. Isparta.
340123. 1–433. Eskisehir.

340124 to 340130. PISUM SATIVUM L. Leguminosae. Garden pea.

340124. 1–32.
340125. 1–52.
340126. 1–299.
340127. 1–300.
340128. 1–301.
340129. 1–302.
340130. 1–305.

340131. VICIA ANGUSTIFOLIA L. Leguminosae.
1–308.

340132 to 340145. VICIA ERVILIA (L.) Willd. Bitter vetch.

340132. 1–166–1.
340133. 1–205.
340134. 1–208.
340135. 1–210.
340136. 1–1040.
340137. 1–1045.
340138. 1–1046.
340139. 1–1047.
340140. 1–1053.
340141. 1–1054.
340142. 1–1055.
340143. 1–1056.
340144. 1–1057.
340145. 1–4058.

340146 to 340156. VICIA NARBONENSIS L.

340146. 1–25.
340147. 1–51.
340148. 1–221.
340149. 1–439.
340150. 1–457.
340151. 1–522.
340152. 1–708.
340153. 1–710.
340154. 1–711.
340155. 1–712.
340156. 1–713.

340157 to 340169. VICIA SATIVA L.

340157. 1–50.
340158. 1–168.
340159. 1–201.
340160. 1–207.
340161. 1–215.
340162. 1–216.
340163. 1–222.
340164. 1–306.
340165. 1–306–3.
340166. 1–307.
340167. 1–330.
340168. 1–331.
340169. 1–434.

340170 to 340177. VICIA VILLOSA Roth Hairy vetch.

340170. 1–24.
340171. 1–48.
340172. 1–49.
340173. 1–219.
340174. 1–333.

340055 to 340177—Continued

34017 to 340177—Continued

340175. 1–603.

340176. 1–954.

340177. 1–27. Mixed with *V. ervilia.*

340178 to 340223.

From India. Seed presented by H. B. Singh and S. S. Rajan, Indian Agricultural Research Institute, New Delhi–12 under P.L. 480 Project A7–CR–148. Seed received September 1968. Numbered February 11, 1969.

340178 to 340199. BRASSICA CAMPESTRIS L. Cruciferae. **Birdrape.**

340178. In. 48051.
340179. In. 48052.
340180. In. 48058.
340181. In. 48059.
340182. In. 48060.
340183. In. 48061.
340184. In. 48062.
340185. In. 48063.
340186. In. 48065.
340187. In. 48066.
340188. In. 48067.
340189. In. 48068.
340190. In. 48071.
340191. In. 48072.
340192. In. 48073.
340193. In. 48074.
340194. In. 48075.
340195. In. 48076.
340196. In. 48077.
340197. In. 48078.
340198. In. 48079.
340199. In. 48147.

340200 to 340203. BRASSICA CAMPESTRIS var. TORIA Duth. & Full.

340200. In. 48172.
340201. In. 48173.
340202. In. 48177.
340203. In. 48180.

340204 to 340223. BRASSICA JUNCEA (L.) Czern. & Coss. Cruciferae. **Chinese mustard.**

340204. In. 48083.
340205. In. 48087.
340206. In. 48090.
340207. In. 48091.
340208. In. 48097.
340209. In. 48099.
340210. In. 48106.
340211. In. 48110.
340212. In. 48116.
340213. In. 48119.
340214. In. 48121.
340215. In. 48122.
340216. In. 48131.
340217. In. 48133.
340218. In. 48139.
340219. In. 48149.
340220. In. 48151.
340221. In. 48155.
340222. In. 48157.
340223. In. 48161.

340224 to 340656. CYAMOPSIS TETRAGONOLOBA (L.) Taub. Leguminosae. **Guar.**

From India. Seed presented by Indian Agricultural Research Institute, Division of Plant Introduction, New Delhi, under Public Law 480 Project A7–CR–143. Numbered February 11, 1969.

340224. PLG 407.
340225. PLG 417.
340226. PLG 418.
340227. PLG 420.
340228. PLG 422.
340229. PLG 424.
340230. PLG 425.
340231. PLG 429.

340224 to 340656—Continued

340232. PLG 431.
340233. PLG 433.
340234. PLG 436.
340235. PLG 438.
340236. PLG 440.
340237. PLG 441.
340238. PLG 449.
340239. PLG 451
340240. PLG 452.
340241. PLG 453.
340242. PLG 454.
340243. PLG 455.
340244. PLG 456.
340245. PLG 458.
340246. PLG 460.
340247. PLG 463.
340248. PLG 464.
340249. PLG 466.
340250. PLG 467.
340251. PLG 468.
340252. PLG 469.
340253. PLG 471.
340254. PLG 472.
340255. PLG 476.
340256. PLG 477.
340257. PLG 478.
340258. PLG 479.
340259. PLG 480.
340260. PLG 481.
340261. PLG 482.
340262. PLG 483.
340263. PLG 484.
340264. PLG 485.
340265. PLG 486.
340266. PLG 489.
340267. PLG 491.
340268. PLG 493.
340269. PLG 495.
340270. PLG 496.
340271. PLG 497.
340272. PLG 499.
340273. PLG 500.
340274. PLG 501.
340275. PLG 502.
340276. PLG 503.
340277. PLG 504.
340278. PLG 506.
340279. PLG 508.
340280. PLG 509.
340281. PLG 510.
340282. PLG 511.
340283. PLG 512.
340284. PLG 513.
340285. PLG 514.
340286. PLG 515.
340287. PLG 516.
340288. PLG 517.
340289. PLG 518.
340290. PLG 519.
340291. PLG 520.
340292. PLG 521.
340293. PLG 522.
340294. PLG 523.
340295. PLG 524.
340296. PLG 525.
340297. PLG 527.
340298. PLG 528.
340299. PLG 529.
340300. PLG 530.
340301. PLG 531.
340302. PLG 533.
340303. PLG 534.
340304. PLG 535.
340305. PLG 538.
340306. PLG 539.
340307. PLG 540.
340308. PLG 542.
340309. PLG 545.
340310. PLG 546.
340311. PLG 547.
340312. PLG 548.
340313. PLG 550.
340314. PLG 551.
340315. PLG 552.
340316. PLG 553.
340317. PLG 554.

340224 to 340656—Continued

340318. PLG 555.
340319. PLG 556.
340320. PLG 557.
340321. PLG 559.
340322. PLG 562.
340323. PLG 563.
340324. PLG 564.
340325. PLG 565.
340326. PLG 566.
340327. PLG 567.
340328. PLG 568.
340329. PLG 569.
340330. PLG 570.
340331. PLG 571.
340332. PLG 572.
340333. PLG 573.
340334. PLG 574.
340335. PLG 578.
340336. PLG 580.
340337. PLG 582.
340338. PLG 583.
340339. PLG 585.
340340. PLG 586.
340341. PLG 588.
340342. PLG 589.
340343. PLG 590.
340344. PLG 592.
340345. PLG 593.
340346. PLG 594.
340347. PLG 595.
340348. PLG 597.
340349. PLG 598.
340350. PLG 599.
340351. PLG 600.
340352. PLG 601.
340353. PLG 602.
340354. PLG 603.
340355. PLG 605.
340356. PLG 606.
340357. PLG 608.
340358. PLG 610.
340359. PLG 611.
340360. PLG 612.
340361. PLG 613.
340362. PLG 614.
340363. PLG 615.
340364. PLG 616.
340365. PLG 617.
340366. PLG 619.
340367. PLG 620.
340368. PLG 622.
340369. PLG 624.
340370. PLG 625.
340371. PLG 626.
340372. PLG 627.
340373. PLG 628.
340374. PLG 629.
340375. PLG 630.
340376. PLG 631.
340377. PLG 632.
340378. PLG 634.
340379. PLG 635.
340380. PLG 636.
340381. PLG 637.
340382. PLG 638.
340383. PLG 639.
340384. PLG 640.
340385. PLG 641.
340386. PLG 642.
340387. PLG 643.
340388. PLG 644.
340389. PLG 645.
340390. PLG 646.
340391. PLG 647.
340392. PLG 648.
340393. PLG 649.
340394. PLG 650.
340395. PLG 652.
340396. PLG 654.
340397. PLG 655.
340398. PLG 656.
340399. PLG 657.
340400. PLG 658.
340401. PLG 659.

340224 to 340656—Continued

340402. PLG 660.
340403. PLG 661.
340404. PLG 662.
340405. PLG 663.
340406. PLG 665.
340407. PLG 666.
340408. PLG 667.
340409. PLG 668.
340410. PLG 669.
340411. PLG 671.
340412. PLG 674.
340413. PLG 675.
340414. PLG 676.
340415. PLG 678.
340416. PLG 679.
340417. PLG 680.
340418. PLG 681.
340419. PLG 682.
340420. PLG 683.
340421. PLG 684.
340422. PLG 685.
340423. PLG 686.
340424. PLG 687.
340425. PLG 688.
340426. PLG 690.
340427. PLG 691.
340428. PLG 692.
340429. PLG 693.
340430. PLG 694.
340431. PLG 695.
340432. PLG 696.
340433. PLG 697.
340434. PLG 698.
340435. PLG 699.
340436. PLG 700.
340437. PLG 701.
340438. PLG 703.
340439. PLG 704.
340440. PLG 705.
340441. PLG 706.
340442. PLG 707.
340443. PLG 708.
340444. PLG 709.
340445. PLG 710.
340446. PLG 711.
340447. PLG 712.
340448. PLG 713.
340449. PLG 714.
340450. PLG 715.
340451. PLG 716.
340452. PLG 717.
340453. PLG 718.
340454. PLG 719.
340455. PLG 720.
340456. PLG 721.
340457. PLG 722.
340458. PLG 724.
340459. PLG 725.
340460. PLG 726.
340461. PLG 727.
340462. PLG 728.
340463. PLG 729.
340464. PLG 730.
340465. PLG 731.
340466. PLG 732.
340467. PLG 733.
340468. PLG 734.
340469. PLG 735.
340470. PLG 736.
340471. PLG 737.
340472. PLG 738.
340473. PLG 739.
340474. PLG 740.
340475. PLG 742.
340476. PLG 743.
340477. PLG 744.
340478. PLG 745.
340479. PLG 746.
340480. PLG 747.
340481. PLG 748.
340482. PLG 749.
340483. PLG 750.
340484. PLG 752.
340485. PLG 753.

340224 to 340656—Continued

340486. PLG 754.
340487. PLG 755.
340488. PLG 756.
340489. PLG 757.
340490. PLG 758.
340491. PLG 760.
340492. PLG 761.
340493. PLG 762.
340494. PLG 763.
340495. PLG 764.
340496. PLG 765.
340497. PLG 766.
340498. PLG 767.
340499. PLG 769.
340500. PLG 770.
340501. PLG 771.
340502. PLG 772.
340503. PLG 773.
340504. PLG 774.
340505. PLG 775.
340506. PLG 776.
340507. PLG 777.
340508. PLG 778.
340509. PLG 779.
340510. PLG 780.
340511. PLG 782.
340512. PLG 783.
340513. PLG 784.
340514. PLG 785.
340515. PLG 786.
340516. PLG 787.
340517. PLG 788.
340518. PLG 789.
340519. PLG 790.
340520. PLG 791.
340521. PLG 792.
340522. PLG 793.
340523. PLG 794.
340524. PLG 795.
340525. PLG 796.
340526. PLG 797.
340527. PLG 798.
340528. PLG 799.
340529. PLG 800.
340530. PLG 801.
340531. PLG 803.
340532. PLG 804.
340533. PLG 805.
340534. PLG 806.
340535. PLG 807.
340536. PLG 808.
340537. PLG 809.
340538. PLG 810.
340539. PLG 811.
340540. PLG 812.
340541. PLG 813.
340542. PLG 814.
340543. PLG 815.
340544. PLG 816.
340545. PLG 817.
340546. PLG 818.
340547. PLG 819.
340548. PLG 820.
340549. PLG 821.
340550. PLG 822.
340551. PLG 823.
340552. PLG 824.
340553. PLG 826.
340554. PLG 827.
340555. PLG 828.
340556. PLG 829.
340557. PLG 830.
340558. PLG 831.
340559. PLG 832.
340560. PLG 833.
340561. PLG 834.
340562. PLG 835.
340563. PLG 837.
340564. PLG 838.
340565. PLG 839.
340566. PLG 841.
340567. PLG 842.
340568. PLG 843.
340569. PLG 845.

340224 to 340656—Continued

340570. PLG 846.
340571. PLG 847.
340572. PLG 848.
340573. PLG 849.
340574. PLG 850.
340575. PLG 851.
340576. PLG 852.
340577. PLG 853.
340578. PLG 854.
340579. PLG 855.
340580. PLG 856.
340581. PLG 857.
340582. PLG 858.
340583. PLG 859.
340584. PLG 860.
340585. PLG 861.
340586. PLG 862.
340587. PLG 863.
340588. PLG 864.
340589. PLG 865.
340590. PLG 866.
340591. PLG 867.
340592. PLG 868.
340593. PLG 869.
340594. PLG 870.
340595. PLG 871.
340596. PLG 872.
340597. PLG 873.
340598. PLG 874.
340599. PLG 875.
340600. PLG 876.
340601. PLG 877.
340602. D 63–62.
340603. B 9–2–55.
340604. D.S/E10J.
340605. I.C. 4413.
340606. EC. 36954/P2.
340607. EC. 36954/P8.
340608. EC. 36954/P11.
340609. EC. 36954/P29.
340610. N.C. 1/P5–1.
340611. N.C. 1/P8–5.
340612. N.C. 1/P31–2.
340613. N.C. 1/P38–4.
340614. N.C. 1/P94–1.
340615. N.C. 1/P106–1.
340616. N.C. 1/P109–1.
340617. N.C. 1/123–1.
340618. PLG 64.
340619. PLG 91.
340620. PLG 111.
340621. PLG 116.
340622. PLG 123.
340623. PLG 144.
340624. PLG 167.
340625. PLG 176.
340626. PLG 192.
340627. PLG 197.
340628. PLG 210.
340629. PLG 212.
340630. PLG 215.
340631. PLG 216.
340632. PLG 223.
340633. PLG 229.
340634. PLG 234.
340635. PLG 267.
340636. PLG 269.
340637. PLG 279.
340638. PLG 282.
340639. PLG 283.
340640. PLG 320.
340641. PLG 328.
340642. PLG 329.
340643. PLG 356.
340644. PLG 359.
340645. PLG 369.
340646. PLG 370.
340647. PLG 375.
340648. PLG 379.
340649. PLG 385.
340650. PLG 388.
340651. PLG 389.
340652. PLG 390.
340653. PLG 394.

340224 to 340656—Continued

340654. PLG 397.

340655. PLG 399.

340656. PLG 404.

340657. LACTUCA SERRIOLA L. Compositae. **Lettuce.**

From the United States. Seed grown by E. J. Ryder, Plant Science Research Division, U. S. Department of Agriculture, Salinas, Calif. Numbered February 13, 1969.

Component of P. I. 175735. Turkey.

340658. TRIFOLIUM REPENS L. Leguminosae. **White clover.**

From the United States. Seed produced at National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Numbered February 13, 1969.

BN–18546. Component of P.I. 314936 (Soviet Union).

340659 and 340660. ZIZIPHUS MAURITIANA Lam. Rhamnaceae. **Indian jujube.**

From India. Plants presented by the Division of Plant Introduction Indian Agricultural Research Institute, New Delhi. Received February 11, 1969.

340659. 'Mundia Marehra'.

340660. 'Unran'.

340661. VITIS VINIFERA L. Vitaceae. **European grape.**

From Afghanistan. Cuttings presented by the United States Agency for International Development, Kabul. Received February 12, 1969.

'Shandukhani'.

340662 to 340772. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From the Netherlands. Seed presented by the Instituut Voor Plantenveredeling, Wageningen. Received February 12, 1969.

340662. Abondance.

340663. Addens.

340664. Admonter Fruh.

340665. Albania V.

340666. Alpha.

340667. Alpha-white grained.

340668. Alter.

340669. Ankar II.

340670. Angermanland.

340671. Aquila.

340672. Banatka jubilejnaja.

340673. Basalt.

340674. Bastard II.

340675. Berzetaka.

340676. Bladette de Besplas.

340677. Bon Fermier.

340678. Bore I.

340679. Bormans A87/58.

340680. Bormans A89.

340681. Bormans 339.

340682. Britannia.

340683. Champagne.

340684. Chinese 166.

340685. Coutiches.

340686. Criewener 192.

340687. Demeter.

340688. Desprez 81–1/10.

340689. Dippes Triumf.

340690. Djurabl.

340691. Eno.

340692. Extra Squarehead.

340693. Fenland Wonder.

340694. Firlbeck I.

340695. Flamingo.

340696. Fleuron.

340697. Gelderse Ris.

340662 to 340772—Continued

340698. Giulgeri.
340699. Goldendrop.
340700. Gros Bleu.
340701. H 30.
340702. H 37.
340703. H 38.
340704. H 57.
340705. Hatif de Wattines.
340706. Heines Stamm 110.
340707. Heines C 73.
340708. Heines 476.
340709. Hindukusj.
340710. Hx 625.
340711. Hybride des Allies.
340712. Ibis.
340713. Karat.
340714. Klein Titan.
340715. Kweektarwe.
340716. Kzyl-bidaj.
340717. Langenstein 3484.
340718. Lin Calel.
340719. Manella.
340720. Marhein.
340721. Markus.
340722. Martin.
340723. Maximum.
340724. Merlin (Sm).
340725. Merlin (Tabor).
340726. MGH–5732.
340727. MGH–5754.
340728. MGH–5764.
340729. MGH–5772.
340730. Miana.
340731. Mus XII/80/222.
340732. Navarro 105.
340733. Panter.
340734. Pilote.
340735. Plantahof.
340736. P.L.M. 1.
340737. PPG–1.
340738. Prins Hendrik.
340739. Probelle.
340740. Redman (winter).
340741. Reichersberger Stamm 42.
340742. Reichersberger Triumpf.
340743. Renfort.
340744. Riebesel 47/51.
340745. Rieti.
340746. Rothenbrunnen Stamm 10.
340747. Rothenbrunnen Stamm 32.
340748. Rouge de Bordeaux.
340749. Salzmunder Bartweizen.
340750. Saxo.
340751. Schernauer.
340752. Stal.
340753. Stamm 1444 Halle.
340754. Strubes Kreuzung 56.
340755. Strubes Dickkopf.
340756. Svalofs Kronen.
340757. Taca.
340758. Tadepi.
340759. Tassilo.
340760. Tavero.
340761. Tibet 283.
340762. Trifolium.
340763. Tystofte Smachvede.
340764. Vague d'epis.
340765. Vaillant.
340766. Vilmorin 49.
340767. Walthari.
340768. Weender.
340769. Weizen-Quecken hybrid.
340770. Werla.
340771. Wieselburger Standard.
340772. Zapfs Neuzucht.

340773. JUNCUS sp. Juncaceae.

From the Union of Soviet Socialist Republics. Seed presented by Stavropol Sheep and Goat Breeding Institute and the Stavropol Botanic Garden, Stavropol. Numbered February 13, 1969.

Component of P.I. 314111. Soviet Union.

340774. BROMUS JAPONICUS Thunb. Gramineae. **Japanese bromegrass.**

From Tunisia. Seed collected by S. H. Fuchs, Soil Conservation Service, United States Agency for International Development, Tunis. Numbered February 13, 1969. Seed held by National Plant Materials Center, Beltsville, Maryland. Received January 1965.

340775 to 340777.

From the United States. Seed produced at National Plant Materials Center, Soil Conservation Service, Beltsville, Md. Numbered February 13, 1969.

340775. SEHIMA ISCHAEMOIDES Forssk. Gramineae.

Col. 1398. Forest enclosure 23 km. north of Buni on Kota-Jaipur road, rocky ground. Bunch grass 122 cm. high, mature, dry, shattered. Original seed collected in India, 1960, by J. R. Harlan, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Md.

340776. SEHIMA sp.

Col. 1563. On rocks near Lingamala Falls Forest Rest House, Mahableshwar. Annual to 61 cm. high. Original seed collected in India, 1960, by J. R. Harlan, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Md.

340777. SEHIMA sp.

Col. 1599. Tank above Lonovla upland. Original seed collected in India, 1969, by J. R. Harlan, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Md.

340778 to 340799.

From the United States. Seed grown at the Regional Plant Introduction Station, Ames, Iowa. Numbered February 13, 1969.

340778. BROMUS CARINATUS Hook. & Arn. Gramineae. **California brome.**

A–100. 'Omar'. Plants uniform, bunch, vigorous, 70 to 75 cm. high. Good seed production, disease free, hardy. Received 1960 from Soil Conservation Service as MI–5840.

340779. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

A–603. Originally collected 1963 by Soil Conservation Service as rhizomes near Nevada, Iowa. MI–5381. Medium vigor, medium winter injury, good spring recovery.

340780 to 340791. HELIANTHUS ANNUUS L. Compositae. **Sunflower.**

Originally received from the Soviet Union by Cargill, Inc., Glyndon, Minnesota. Plants with single head and black, medium size seed except as noted.

340780. A–1128. 'VNIIMK 6540'. Krasnodar. Plants uniform, 175 cm. high, Flowers late July.

340781. A–1129. 'Armavirskij 3497'. Krasnodar. Flowers fourth week July consistently.

340782. A–1130. 'Peredovik'. Krasnodar. Plant 160 to 200 cm. high.

340783. A–1131. 'Armavirets'. Krasnodar. Plant 120 to 160 cm. high.

340784. A–1132. 'Mayak'. Roster. Plant 180 to 210 cm. high, vigorous. Seed black with gray stripe.

340785. A–1133. 'Felenka 368'. Krasnodar. Plant 160 to 190 cm. high, seed medium large.

340786. A–1134. 'Techernianka'. Plant 110 to 130 cm. high, 10 percent multiple heads.

340778 to 340799—Continued

340780 to 340791

340787. A–1135. 'Smena'. Plant 170 to 210 cm. high, head 30 cm. across; seed black with gray stripe.

340788. A–1136. 'VNIIMK 8883'. Plant 160 cm. high.

340789. A–1137. 'Krasnodarets'. Plant 150 to 170 cm. high, 3 percent multiple heads.

340790. A–1138. 'VNIIMK 8931'. Plant 170 to 210 cm. high, vigorous.

340791. A–1139. 'Peredovik'. Plant 175 cm. high, vigorous, uniform.

340792 to 340796. LESPEDEZA CAPITATA Michx. Leguminosae. **Bush clover.**

Original seed collected 1965 by M. Smithberg and A. G. Johnson, Department of Horticulture, University of Minnesota, St. Paul.

340792. A–700. Near Gate #30, Quabbin Reservoir, Franklin County, Mass. Not winter hardy in Minnesota.

340793. A–701. Section 28, Eden Prairie, Hennepin County, Minn. Uniformly vigorous, moderate seed yield, nearly hardy.

340794. A–702. Gilfillan Lake, North Oaks, Ramseu County, Minn. Medium maturity, much dormant season injury.

340795. A–703. Along highway 14 between Owatoona and Havana, Minn. Plants uniform, moderately productive, winter hardy.

340796. A–704. Cedar Creek Forest, University of Minnesota. Section 34, T34N–R23W, Bethel Township, Analia County. Moderate vigor and seed set; much winter injury.

340797 and 340798. LOTUS (hybrid) Leguminosae.

Original seed presented 1964 by J. S. Bubar, Macdonald College, Quebec, Canada.

340797. A–688. *L. japonicus* × *L. krylovii.* Plants short, not uniform, 2.5 dm. high; much winter injury. Segregates widely, good breeding material.

340798. A–689. *L. japonicus* × *L. filicaulis.* Plants uniform, 3.3 dm. high, vigorous; much winter injury. Segregates widely, good breeding material.

340799. LOTUS CORNICULATUS L. Leguminosae. **Birdsfoot trefoil.**

A–654. Original seed presented 1963 by D. S. Douglas, Plant Materials Center, Soil Conservation Service, Rose Lake Wildlife Experiment Station, East Lansing, Mich. M2–11348–62. Plants medium large, uniform, 3.5 dm. high and hardy.

340800 to 340804.

From the United States. Seed received from Canada and presented in 1965 by H. J. Gorz, Department of Agronomy, University of Nebraska, Lincoln, Nebr. Numbered February 13, 1969.

340800. MEDICAGO RADIATA L. Leguminosae.

A–1018. Bdn. 60–188. Origin Hungary. Moderate seeed production.

340801. TRIGONELLA CALLICERAS Fisch. Leguminosae.

A–1014. Bdn. 60–158. Good seed production.

340802. TRIGONELLA CRETICA (L.) Boiss.

A–1015. Bdn. 60–159.

340803. TRIGONELLA HAMOSA L.

A–1016. Bdn. 2019. Origin Kew, England. Little growth and poor seed production.

340800 to 340804—Continued

340804. TRIGONELLA ORNITHOPODIOIDES (L.) DC. Leguminosae.

A–1017. Bdn. 20–34. Origin Portugal. Moderate seed production.

340805 to 340830.

From the United States. Seed presented in 1965 by N. P. Neal, Department of Agronomy, University of Wisconsin, Madison. Numbered February 13, 1969.

340805 to 340816. ZEA MAYS L. Gramineae. **Corn.**

Originally from A. Shlomi, Agricultural Experiment Station, Neveh Yaar, Israel. Inbred yellow flints with white cobs, except as noted.

340805. A–1076. NY 39. 10 to 12 rows, 12 cm. long; one ear per 13 to 15 dm. stalk. Flowers in mid-July.

340806. A–1077. NY 47. 16 rows, ear 7 cm.; one to two ears per 12 dm. stalk. Mid-July flowering.

340807. A–1078. NY 85. 10 cm. long. one ear per 23 to 26 dm. stalk. Flowers in early August, pollen shed sparse.

340808. A–1079. NY 95. 12 to 14 rows, 12 to 15 cm. long; one to two ears per 21 to 23 dm. stalk. Flowers in late July.

340809. A–1080. NY 109. 12 rows, 12 to 15 cm. long; one to two ears per 19 dm. stalk. Flowers in late July.

340810. A–1081. NY 111. 16 rows, 12 cm. long; one ear per 14 to 19 dm. stalk. Flowers in late July.

340811. A–1082. NY 113. 10 to 12 rows, yellow and orange, 10 to 12 cm. long; one ear per 15 dm. stalk. Flowers in late July.

340812. A–1083. NY 121. 14 to 18 rows, yellow and orange; cob red, 10 to 12 cm. long; one ear per 17 to 21 dm. stalk. Flowers third week in July.

340813. A–1084. NY 123. 16 to 18 rows, cob red, 12 cm. long; one ear per 14 to 16 dm. stalk. Flowers third week in July.

340814. A–1085. NY 131. 12 rows, orange, 12 cm. long; one ear per 14 to 19 dm. stalk. Flowers in late July.

340815. A–1086. NY 155. 12 rows, 10 cm. long; one ear per 18 to 19 dm. stalk. Flowers in late July.

340816. A–1089. NY 439. 14 rows, yellow and orange, cob red; 9 to 13 cm. long, two ears per 13 dm. stalk. Flowers third week in July.

340817 to 340830. ZEA MAYS L. Gramineae. **Corn.**

Originally from Tiberiu Muresanu, Central Research Institute, Bucharest, Rumania, developed at Experiment Station, Turda, Transylvania. Inbred yellow flint with white cobs, except as noted.

340817. A–1090. G3T5. 8 rows, 12 to 17 cm. long; one to two ears per 14 dm. stalk. Flowers in mid-July.

340818. A–1091. G3 T5a. 8 to 10 rows, 16 to 20 cm. long; one to two ears per 13 to 17 dm. stalk. Flowers in mid-July.

340819. A–1092. T9. 8 rows, 13 to 16 cm. long; one to two ears per 17 to 18 dm. stalks. Flowers in mid-July.

340820. A–1093. T14F. 12 to 16 rows, orange, 9 to 14 cm. long; one to two ears per 10 to 13 dm. stalk. Flowers in mid-July.

340821. A–1094. G22 T122. 12 rows, cob red, 11 to 14 cm. long; one to two ears per 14 to 16 dm. stalk. Flowers in mid-July.

340822. A–1095. A6 T123. 8 rows, 15 to 17 cm. long; one to two ears per 13 to 15 dm. stalk. Flowers in mid-July.

340805 to 340830—Continued

340817 to 340830—Continued

340823. A–1096. G14 T133. 8 rows, 13 to 15 cm. long; one to two ears per 13 to 16 dm. stalk. Flowers in mid-July.

340824. A–1097. G15 T134. 12 rows, 12 cm. long; one ear per 13 to 15 dm. stalk. Flowers third week in July.

340825. A–1098. G15 T13a. 10 to 12 rows, 12 to 15 cm. long; one to two ears per 11 to 13 dm. stalk. Flowers in mid-July.

340826. A–1099. T140. 12 to 14 rows, orange, 9 to 14 cm. long; one ear per 12 to 14 dm. stalk. Flowers third week in July.

340827. A–1100. T141. 12 rows, cob red, 15 to 17 cm. long; one to two ears per 17 to 18 dm. stalk. Flowers third week in July.

340828. A–1101. T143. 8 to 10 rows, 10 to 12 cm. long; one ear per 16 to 17 dm. stalk. Flowers third week in July.

340829. A–1102. T146. 12 rows, orange, 11 cm. long; one to two ears per 13 to 15 dm. stalk. Flowers third week in July.

340830. A–1103. T242. 12 to 14 rows, 15 cm. long; one ear per 13 to 16 dm. stalk. Flowers third week in July.

340831. ZEA MAYS L. Gramineae. **Corn.**

From Montana. Seed obtained from the Agricultural Experiment Station, through Joe Curtis, Vermillion, S. Dak., and held at the Regional Plant Introduction Station, Ames, Iowa. Numbered February 13, 1969.

A–1055. 'Mercer Flint'. Open pollinated yellow flint, 10 to 12 rows, cob white, 15 to 23 cm. long; one to two ears per 14 to 16 dm. stalk. Flowers in mid-July.

340832 to 340834. ZEA MAYS L. Gramineae. **Corn.**

From Virginia. Seed presented by W. H. Martin, Leesburg, and held at the Regional Plant Introduction Station, Ames, Iowa. Numbered February 13, 1969.

Yellow flint, 8 rows, white cob; flowers fourth week in June.

340832. A–1104. 'Petite Mic Mac'. White and yellow, one to two ears 8 to 12 cm. long on 5 to 8 dm. stalk.

340833. A–1106. 'Gaspe' selection. One ear 6 cm. long on 4.5 to 6.0 dm. stalk. Earliest selection matured at College Station, Alaska.

340834. A–1107. 'Gaspe' selection. One ear 7 cm. long on 3 to 6 dm. stalk. Matured College Station, Alaska.

340835 to 340873. ZEA MAYS L. Gramineae. **Corn.**

From Iowa. Seed of colored inbred popcorns developed by J. C. Eldredge, Department of Agronomy, Iowa State University, Ames. Reproduced at Regional Plant Introduction Station, Ames, Iowa. Numbered February 13, 1969.

Miscellaneous inbreds.

340835. A–1145. Br–1–1. 16 rows, brown, cob white, 15 cm. long; two to three ears per 16 to 17 dm. stalk. Flowers in late July.

340836. A–1146. Ca–4. 16 rows, calico, cob white, 12 cm. long; one to two ears per 12 to 13 dm. stalk. Flowers third and fourth weeks in July.

340837. A–1175. R–4524. From 'Japanese Hulless White'. 16 rows, red, cob red, 12 cm. long; two ears per 14 to 19 dm. stalk. Flowers in early August.

340838. A–1176. B–4541. White rice type. 22 rows, blue, cob white, 11 cm. long; two ears per 18 to 21 dm. stalk. Flowers in early August.

340835 to 340873—Continued

340839. A–1182. B–WHO–201. From unknown, open-pollinated variety. 18 rows, blue, cob white, 9 cm. long; one to two ears per 15 to 17 dm. stalk. Flowers in early August.

340840. A–1183. 'R–Strawberry'. 36 rows, red, cob red, 4 cm. long; three to four ears per 14 to 16 dm. stalk. Flowers in late July to early August.

Dent steriles from 'South American Pop'.

340841. A–1147. B–15. Blue kernel.

340842. A–1148. Ca–151. 14 rows, calico, cob red, 9 cm. long; one ear per 15 dm. stalk. Flowers second week in August.

340843. A–1149. Ca–152. 12 rows, calico, cob red, 12 cm. long; one ear per 12 to 16 dm. stalk. Flowers in late July to early August.

340844. A–1150. R–15. 16 rows, red, cob red, 10 to 16 cm. long; one ear per 15 to 17 dm. stalk. Flowers in late July to early August.

340845. A–1151. Br–15. 20 rows, brown, cob white, 12 cm. long; one ear per 14 to 16 dm. stalk. Flowers in late July to early August.

340846. A–1152. RB–15. Reddish blue.

Inbreds derived from 'Supergold'.

340847. A–1153. B–16. Blue kernel.

340848. A–1154. Br–16. Brown kernel.

340849. A–1155. Ca–16. Calico kernel.

340850. A–1156. B–17. 18 rows, blue, cob white, 7 cm. long; one to three ears per 19 to 20 dm. stalk. Flowers in late July to early August.

340851. A–1157. Br–17. 18 rows, brown, cob white, 11 cm. long; one ear per 15 to 18 dm. stalk. Flowers in late July.

340852. A–1158. Ca–17. Calico kernel.

340853. A–1159. R–17. 16 rows, red, cob white, 12 cm. long; one to two ears per 14 to 16 dm. stalk. Flowers fourth week in July.

340854. A–1160. RB–17. 14 rows, blue, cob white, 10 cm. long; one to two ears per 18 to 21 dm. stalk. Flowers in late July to early August.

340855. A–1161. B–18. 16 rows, blue, cob white, 10 cm. long; one to two ears per 15 to 17 dm. stalk.

340856. A–1162. R–18. 14 rows, red, cob red, 8 cm. long; two to three ears per 12 to 14 dm. stalk. Flowers in late July.

340857. A–1163. B–22. 12 rows, blue, cob white, 14 cm. long; one to two ears per 14 to 16 dm. stalk. Flowers in late July.

340858. A–1164. Br–22. Brown kernel.

340859. A–1165. R–22. Red kernel.

Inbreds derived from 'Yellow Pearl'.

340860. A–1166. B–28. 16 rows, blue, cob white, 7 cm long; one to two ears per 13 to 15 dm. stalk. Flowers in late July.

340861. A–1167. Br–28. 18 rows, brown, cob white, 7 cm. long; one to two ears per 16 to 18 dm. stalk. Flowers in late July to early August.

340862. A–1168. Med R–28. 16 rows, red, cob red, 10 cm. long; one ear per 13 to 16 dm. stalk. Flowers in late July to early August.

340863. A–1169. DK R–282. 14 rows, red, cob red, 10 cm. long; one ear per 12 to 15 dm. stalk. Flowers in late July.

Inbreds derived from 'Burbank's Golden Amber'.

340864. A–1170. Br–53. Brown kernel.

340835 to 340873—Continued

340865. A–1171. Ca–53. 12 to 14 row calico, cob white, 12 cm. long; two ears per 15 to 16 dm. stalk. Flowers fourth week in July.

340866. A–1172. R–531. 14 rows, red, cob red, 13 cm. long; two ears per 15 to 20 dm. stalk. Flowers fourth week in July.

340867. A–1173. R–532. 16 rows, red, cob red, 12 cm. long; one to two ears per 15 to 16 dm. stalk. Flowers fourth week in July.

340868. A–1174. RB–53. 12 rows, reddish blue, cob white, 12 cm. long; one to two ears per 15 to 16 dm. stalk. Flowers fourth week in July.

Inbreds derived from 'Tom Thumb' type.

340869. A–1177. R–PAH–1. 12 rows, red, cob white, 7 cm. long; three to four ears per 16 to 19 dm. stalk. Flowers early in August.

340870. A–1178. R–PAH–2. Red kernel.

340871. A–1179. Wh–PAH–2. 10 rows, white, cob white, 7 cm. long; two to three ears per 20 to 22 dm. stalk. Flowers first week in August.

340872. A–1180. R–RAH–1. Red kernel.

340873. A–1181. R–RAH–2. Red kernel.

340874 to 340878. ZEA MAYS L. Gramineae. Corn.

From Iowa. Seed developed by J. C. Eldredge and presented by C. D. Hutchcroft, Department of Agronomy, Iowa State University, Ames; for deposit in National Seed Storage Laboratory, Fort Collins, Colo. Numbered February 13, 1969.

Dent Sterile Inbred popcorns.

340874. DS 38W. From 'Japanese Hulless White'. Kernel large with medium popping volume; Japanese type ear. Stalk short. Medium early.

340875. DS 43W. From 'Japanese Hulless White'. Medium short with average popping volume. The kernel pops into a medium small flake. Medium early.

340876. DS 53. From "Burbank's Golden Amber'. Yellow, cob short, slender, shells hard. Stalk short, medium strength, resists lodging. Early.

340877. DS 70. From 'Supergold'. Yellow, medium height and ear size. Many suckers, fair lodging resistance. High yield, medium popping volume.

340878. 88. Yellow inbred without complete dent sterility. Medium height, ear size, maturity. Good stalk strength and resistance to lodging.

340879 to 340881.

From England. Trees presented by Hillier & Sons, Winchester. Received February 14, 1969.

340879. PRUNUS PERSICA (L.) Batsch Rosaceae. **Peach.**

'Bellegarde'.

340880 and 340881. PRUNUS PERSICA var. NECTARINA (Ait.) Maxim. **Nectarine.**

340880. 'Elruge'.

340881. 'Lord Napier'.

340882. VITIS VINIFERA L. Vitaceae. European grape.

From Switzerland. Cuttings presented by the Domaine du Mont d'Or, Sion, Vaud. Received February 17, 1969.

'L'Arvine'. (Petite Arvine).

340883 to 340897. ORYZA SATIVA L. Gramineae. **Rice.**

From Spain. Seed presented by the Estacion Arrocera de Bueca, Valencia. Received January 6, 1969. Numbered February 18, 1969.

340883. Balilla Grana Grossa. 2–4–11.
340884. Balilla × Sollana. 392–12–8–4.
340885. Bombon. 12–9–12.
340886. Bahia. 309–13–1–11.
340887. Colina. 393–2–1–1.
340888. Dosel. 368–8–1–4.
340889. DH–1. 193–10–9–1.
340890. Frances. 3–12–12.
340891. Liso. 392–12–1–12.
340892. Luna. 202–4–1–12.
340893. Matususka. 2–1–1.
340894. Nano × Sollana. 22–5–12–11.
340895. Patro. 14–1–11.
340896. Peladilla. 1289–5–8–8.
340897. Sequial. 613–8–8–1.

340898 to 340904. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

From Thailand. Seed presented by E. W. Sprague, Rockefeller Foundation, Bangkok. Received February 18, 1969.

340898. Maejo No. 1'.
340899. 'Maejo No. 2'.
340900. 'Maerim No. 1'.
340901. 'Maerim No. 2'.
340902. 'Pitsanuloak'.
340903. 'Sansai No. 1'.
340904. 'Sansai No. 2'.

340905. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From the United States. Plants grown at Regional Plant Introduction Station, Geneva, N. Y.; originally from J. G. Metcalf, Smithfield Experimental Farm, Trenton, Ontario, Canada. Numbered February 18, 1969.

G–14565. 'Cervena Kapha'. Plant indeterminate, vigorous; leaves small, dark green. Flowers many, clustered, poor set. Fruit globe 1 cm. red, uneven ripening, without cracking. Resistant to bacterial canker.

340906 to 340909. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From the United States. Seed produced by P. A. Young, Tomato Disease Investigations Laboratory, Jacksonville, Tex.; increased at Regional Plant Introduction Station, Ames, Iowa. Numbered February 18, 1969.

340906. A–1115. 'Summer Cherry'. For previous introduction see P.I. 290856. Fruit globe 2 to 3 cm., uniform unripe color; heat tolerant.

340907. A–1116. T 2301. Mutant of 'Improved Porter'. Fruit oblate, red flesh, green shoulder.

340908. A–1117. T 2300. Fruit 6.5 to 8.5 cm., oblate, resembles P.I. 340907.

340909. G–912. Plant medium size, indeterminate. Fruit oblate, skin colorless, immune to cracking.

340910 to 340968.

From England. Plants purchased from Hillier and Sons, Nurserymen and Seedsmen, Winchester. Numbered February 18, 1969.

340910. × AMELASORBUS JACKII Rehd. Rosaceae.

340911. COTONEASTER FOVEOLATA Rehd. & Wils. Rosaceae.

340912. COTONEASTER TOMENTOSA (Ait.) Lindl.

340913. × CRATAEGOMESPILUS DARDARI Simon-Louis Rosaceae.

340914. × CRATAEGOMESPILUS DARDARI f. ASNIERESI (Koehne) Rehd.

340915. × CRATAEGOMESPILUS DARDARI GRANDIFLORA (J. E. Smith) Bean

340916. CRATAEGUS ALTAICA (Loud.) Lange Rosaceae.

340917. CRATAEGUS MACRACANTHA Lodd.

340918. CRATAEGUS MAXIMOWICZII Schneider

340919. CRATAEGUS ORIENTALIS Pall. ex Bieb. **Silver hawthorn.**

340920. CRATAEGUS ORIENTALIS var. SANGUINEA (Sxhrad.) Loud.

340921. CRATAEGUS PINNATIFIDA var. MAJOR N. E. Br.

340922. CRATAEGUS PUBESCENS f. STIPULACEA (Loud.) Stapf

340923. CRATAEGUS TANACETIFOLIA (Lam.) Pers.

340924. CRATAEGUS UNIFLORA Muenchh.

340925. CRATAEGUS WILSONII Sargent

340926. CRATAEGUS sp.

340927. CRATAEGUS sp.

340928. PHOTINIA BEAUVERDIANA C. Schneid. Rosaceae.

340929 and 340930. PHOTINIA GLABRA (Thunb.) Maxim.

340929. 'Robusta'.

340930. 'Rubens'.

340931. PIERIS FLORIBUNDA (Pursh.) Benth. & Hook. f. Ericaceae.
'Grandiflora'.

340932. PIERIS FORRESTII Harrow ex W. W. Smith
'Jermyns'.

340933. PIERIS JAPONICA (Thunb.) G. Don **Japanese pieris.**
'Blush'.

340934. × SORBARONIA DIPPELII (Zabel.) Schneid. Rosaceae.

340935. × SORBARONIA FALLAX (Schneid.) Schneid.

340936. × SORBARONIA HYBRIDA (Moench) Schneid.

340937. × SORBOCOTONEASTER POZDNJAKOVII Pojark. Rosaceae.

340938. × SORBOPYRUS AURICULARIS (Knoop) Schneid. Rosaceae.

340939. SORBUS (hybrid) Rosaceae.
'Wilfred Fox'. (*S. cuspidata* × *S. aria*).

340940. SORBUS ALNIFOLIA (Sieb. & Zucc.) Koch Rosaceae.
'Submollis'.

340941. SORBUS CASHMIRIANA Hedl.

340942. SORBUS CHAMAEMESPILUS (L.) Crantz

340943. SORBUS FILIPES Hand.-Mazz.

340944. SORBUS FOLGNERI (Schneid.)

340910 to 340968—Continued

340945. SORBUS GRACILIS (Sieb. & Zucc.) K. Koch
340946. SORBUS × HOSTII (Jacq. f.) Heynh.
340947. SORBUS HUPEHENSIS var. APERTA (Koehne) Schneid.
340948. SORBUS INTERMEDIA var. MINIMA (Ley) Bean
340949. SORBUS KOEHNEANA Schneid.
340950. SORBUS MEGALOCARPA Rehd.
340951. SORBUS MELIOSMIFOLIA Rehd. in Sarg.
340952. SORBUS MOUGEOTII Soyer-Willemet & Godr.
340953. SORBUS PALLESCENS Rehd. in Sarg.
340954. SORBUS POHUASHANENSIS (Hance) Hedl.
340955. SORBUS RUFO-FERRUGINEA (Schneid.) Schneid.
340956. SORBUS SAMBUCIFOLIA (Cham. & Schlecht.) Roem.
340957. SORBUS SARGENTIANA Koehne in Sarg.
340958. SORBUS SCOPULINA Greene
340959. SORBUS TIANSHANICA Rupr.
340960. SORBUS UMBELLATA var. CRETICA (Lindl.) Schneid.
340961. SORBUS VILMORINII C. Schneid.
340962. SORBUS sp.
'Joseph Rock'.
340963. STRANVAESIA DAVIDIANA Decaisne Rosaceae.
'Fructo-luteo'.
340964. VIBURNUM FURCATUM Blume ex Maxim. Caprifoliaceae.
340965. VIBURNAM GRANDIFLORUM Wall.
340966. VIBURNUM × HILLERI Stearn
'Winton'.
340967. VIBURNUM ICHANGENSE (Hemsl.) Rehd.
340968. VIBURNUM KANSUENSE Batal.

340969 to 340976. VITIS VINIFERA L. Vitaceae.

European grape.

From France. Cuttings presented by the Foundation Fougerat, Charente. Received February 19, 1969.

340969. 'Vidal 9'.
340970. 'Vidal 76T'.
340971. 'Vidal 99T'.
340972. 'Vidal 119T'.
340973. 'Vidal 785'.
340974. 'Vidal 804'.
340975. 'Vidal 01.13'.
340976. 'Vidal 01.23'.

340977 to 340983. HORDEUM VULGARE L. Gramineae.

Common barley.

From Germany. Seed presented by C. Lehmann, Institut fur Kulturpflanzenforschung, Gatersleben. Received February 19, 1969.

340977. H HOR 4272/68. 'Donskoj'. Nossen, Soviet Union.

From Institute of Plant Catalog, Leningrad.

340978. H HOR 3477/68. 'Lagiewnicki'. 19089, Poland.
340979. H HOR 3323/68. 13059, Odessa.

340977 to 340983—Continued

340980. H HOR 3322/68. 13060, Odessa.

340981. H HOR 3395/68. 13820, Stavropol.

340982. H HOR 3399/68. 13826, Stavropol.

340983. Sgt. 2/67. 'Neuga'. DSG Quedlinburg.

340984. TRIFOLIUM HYBRIDUM L. Leguminosae. **Alsike clover.**

From Canada. Seed presented by C. R. Elliott, Canada Department of Agriculture, Research Branch, Beaverlodge, Alberta. Received February 19, 1969.

'Strair 11'.

340985 to 340988. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

From Australia. Seed presented by J. B. Sumeghy, Agricultural College and Research Station, Yanco, New South Wales. Received February 19, 1969.

340985. 'Bland'. Heavy foliage, pods set on long laterals outside plant, 35 days to flower, 60 doys to harvest. Resistant to root rot.

340986. 'Leeton'. Plant very compact, erect, pods set high on one level, 40 days to flower, 60 days to harvest.

340987. 'Turon'. 'Bush Blue Lake' type, 38 days to flower, 63 days to harvest. Resistant to root rot.

340988. 'Yanco'. Pods very long, moderately dark, 40 days to flower, 61 days to harvest, set mainly on outside of plant. High yield. Resistant to root rot.

340989 to 341050. AVENA SATIVA L. Gramineae. **Common oats.**

From Turkey. Seed presented by Rifat Gerek, Plant Breeding Station, Eskisehir. Names of provinces indicate general origin. Numbered February 19, 1969.

340989. Y–1. 'Bozkir'. Eskisehir.

340990. Y–2. 'Apak'. Eskisehir.

340991. Y–3. Eskisehir.

340992. Y–4. Eskisehir.

340993. Y–5. Eskisehir.

340994. Y–6. Eskisehir.

340995. Y–7. Eskisehir.

340996. Y–8. Eskisehir.

340997. Y–9. Eskisehir.

340998. Y–10. Black. Eskisehir.

340999. Y–11. Black. Samsun.

341000. Y–12. Black. Erzurum.

341001. Y–29. Black. Kirsehir.

341002. Y–30. Black. Amasya.

341003. Y–31. Black. Ankara.

341004. Y–32. Black. Ankara.

341005. Y–33. Black. Elazig.

341006. Y–34. Black. Ankara.

341007. Y–35. Black. Amasya.

340989 to 341050—Continued

341008. Y–36. Black. Konya.
341009. Y–37. Black. Eskisehir.
341010. Y–38. Black. Konya.
341011. Y–39. 'Sari Cekislovakya'.
341012. Y–40. Konya.
341013. Y–41. Black. Konya.
341014. Y–42. Black. Burdur.
341015. Y–43. Black. Burdur.
341016. Y–54. Black. Istanbul.
341017. Y–55. Black. Istanbul.
341018. Y–56. Black. Izmit, Kocaeli.
341019. Y–57. Black. Istanbul.
341020. Y–89. Black. Eskisehir.
341021. Y–90. Eskisehir.
341022. Y–91. Black. Istanbul.
341023. Y–92. Yellow. Istanbul.
341024. Y–93. Yellow. Istanbul.
341025. Y–94. Istanbul.
341026. Y–95. Istanbul.
341027. Y–96. Istanbul.
341028. Y–97. Istanbul.
341029. Y–100. Tunceli.
341030. Y–405. Istanbul.
341031. Y–406. Istanbul.
341032. Y–409. Istanbul.
341033. Y–410. Istanbul.
341034. Y–451. Aksaray.
341035. Y–452. Luleburgaz, Kirklareli.
341036. Y–453. Tekirdag.
341037. Y–454. Ankara.
341038. Y–455. Istanbul.
341039. Y–461. Ankara.
341040. Y–462. Ankara.
341041. Y–463. Ankara.
341042. Y–464. Ankara.
341043. Y–465. Ankara.
341044. Y–466. Ankara.
341045. Y–467. Ankara.
341046. Y–468. Ankara.
341047. Y–496. 'Yabani'. Ankara.
341048. Y–497. Ankara.
341049. Y–498. Eskisehir.
341050. Y–499. Denizli.

341051. VITIS VINIFERA L. Vitaceae. **European grape.**

From Turkey. Cuttings presented by the Department of Viticulture, Edge University, Izmir. Received February 24, 1969.

'Sultanina Crimson'.

341052 and 341053.

From the United States. Seed grown at the Regional Plant Introduction Station, Geneva, N. Y. Originally from Canada. Numbered February 25, 1969.

341052. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

G 13173. Plant to 35 in. high by 68 in. wide, crown 6 in. wide; stems large, leaves medium, dark green. Flower pale purple, medium early. No damage by *Pseudopeziza* leaf spot, little damage by blackstem, no weevil damage.

341053. MEDICAGO TIANSCHANICA Vassilcz.

G 15185. Plant to 21 in. high by 68 in. wide, crown 11 in. wide; stems small to medium, leaves small to medium, dark green. Flowers pale to medium purple, medium early. Little damage by *Pseudopeziza* leaf spot, medium damage by blackstem, no weevil damage.

341054 and 341055. SECHIUM EDULE (Jacq.) Sw. Cucurbitaceae. **Chayote.**

From Costa Rica. Fruits collected by R. B. Peck, Forester, Instituto Interamericano de Ciencas Agricolas de la Oea, Turrialba. Received February 26, 1969.

Collected February 7, 1969 near a town called Yas, located approximately 5 kilometers from Parasio, Province of Cartago. Elevation 1,200 meters. Rainfall over a period of the last 5 years has been 1,735 mm. per year, in which January, February, March, and April are the drier months. Plants are approximately 2 years old from which fruits were collected.

341054. Green fruit.

341055. Yellow fruit.

341056 to 341059.

From Japan. Seed presented by the Horticultural Research Station, Okitsu, Shimizu, Shizuoka. Received February 28, 1969.

341056. CITRUS CANALICULATA Hort. ex Y. Tanaka Rutaceae.

Kikudiadia'.

341057. CITRUS HANAJU Sieb. ex Shirai

'Hanaju'.

341058. CITRUS OBOVOIDEA Hort. ex Tanaka

'Kinkoji'.

341059. CITRUS sp.

'Shunkokan'.

341060 and 341061. VITIS VINIFERA L. Vitaceae. **European grape.**

From Germany. Cuttings presented by the Institute fur Rebenzuchtung and Rebenveredlung, Geisenheim. Received February 28, 1969.

341060. 'Seibel 7053' × 'Riesling 239'. DB 40 (1–102).

341061. 'C/D 49/84 GM'. DB 39 (1–102).

341062. PRUNUS (hybrid). Rosaceae.

From France. Cuttings presented by the Station de Recherches d'Arboriculture Fruitiere Domaine de la Grande Ferrade, Pont-de-la-Maye. Received March 5, 1969.

P. amygdalus × *P. persica.*

341063 to 341066. VITIS VINIFERA L. Vitaceae. **European grape.**

From Greece. Cuttings presented by the College of Agriculture, Department of Viticulture, Athens. Received March 5, 1969.

341063. P.A. Typical clone of Razaki, with obovoidal berries.

341064. P.B. Kadinia clone, with relatively elongated obovoidal berries.

341065. P.C. Kadinia clone with quasi cylindrical berries.

341066. P.D. Grombola clone with spheroidal berries.

341067 to 341075.

From Czechoslovakia. Budsticks presented by Vyzkumny istav rostlinne vyroby, Praha, Ruzyne. Received March 10, 1969.

341067 to 341069. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

341067. 'Blahova Oranzova Reneta'.

341068. 'Carola'.

341069. 'Dukat'.

341070 to 341074. PRUNUS ARMENIACA L. Rosaceae. **Apricot.**

341070. 'Holubova'.

341071. 'Jitrenka'.

341072. 'Rakovaksho'.

341073. 'Slovenska Skora'.

341074. 'Velkopavlovicka'.

341075. PYRUS COMMUNIS L. Rosaceae. **Common pear.**

'Solanka'.

341076 and 341077.

From Taiwan. Seed presented by Dr. T. C. Huang, Botany Department National Taiwan University, Taipei. Collected in 1968. Numbered March 11, 1969.

341076. ARISAEMA CONSANGUINEUM Schott Araceae.

Col. 4836. Mt. Ali.

341077. ARISAEMA FORMOSANA Hayata
Col. 4959. Kaoshiung.

341078 to 341092. SACCHARUM SPONTANEUM L. Gramineae.

From Malaysia. Cuttings presented by the Faculty of Agriculture, University of Malaya, Kuala Lumpur. Received March 11, 1969.

341078. No. 1.
341079. No. 2.
341080. No. 3.
341081. No. 4.
341082. No. 5.
341083. No. 6.
341084. No. 7.
341085. No. 8.
341086. No. 9.
341087. No. 10.
341088. No. 11.
341089. No. 12.
341090. No. 13.
341091. No. 14.
341092. No. 15.

341093. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Italy. Seed presented by the Rome Federconsorzi through the Agricultural Attache, Rome. Received March 11, 1969.

'Gemelli'.

341094. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From Mexico. Seed collected by O. F. Franke, Mexico 13, D. F. Numbered March 11, 1969.

Along boundary Guerrero-Michoacan. Elevation 90 m. Leaves highly and very narrowly indented. No evidence of boll weevil infestation.

341095. GOSSYPIUM sp. Malvaceae.

From Brazil. Seed collected by I. Gridi-Papp, Instituto Agronomico do Estado de Sao Paulo, Campinas, Sao Paulo. Numbered March 11, 1969.

341096 and 341097.

From Argentina. Seed presented by Jardin Botanico "Carlos Thays", Buenos Aires. Numbered March 11, 1969.

341096. CELTIS SPINOSA Spreng. Ulmaceae.

341097. GLEDITSIA AMORPHOIDES (Gris.) Taub. Leguminosae. **Amorpha honeylocust.**

341098 to 341100.

From England. Plants received from A. A. Pickard, Pickard's Magnolia Gardens, Canterbury, Kent. Numbered March 11, 1969.

341098 and 341099. MAGNOLIA (hybrid) Magnoliaceae.

341098. 'Charles Raffil'.

341099. 'Sundew'.

341100. MAGNOLIA × SOULANGIANA Soul.
'Lennei Alba'.

341101 and 341102. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From Brazil. Seed collected by Antonio Krapovickas, Facultad de Agronomia y Veterinaria, Corrientes, Argentina and Victor Hemsey, Facultad De Agronomia y Zootecnia, San Miquel de Tucuman, Argentina. Numbered March 11, 1969.

Collection numbers assigned by Facultad de Agronomia y Veterinaria.

341101. 218. Ponta Pora, Mato Grosso. Seed small, testa red.

341102. 219. Ponta Pora, Mato Grosso. Seed small, testa purple.

341103 to 341123. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From Paraguay. Seed collected by Antonio Krapovickas, Facultad de Agronomia y Veterinaria, Corrientes, Argentina and Victor Hemsey, Facultad De Agronomia y Zootecnia, San Miquel de Tucuman, Argentina. Numbered March 11, 1969.

Collection numbers assigned by Facultad de Agronomia y Veterinaria.

341103. 215. Puerto Jujuy, San Pedro. Seed small, testa red.

341104. 216. Puerto Jujuy, San Pedro. Seed medium, testa flesh.

341105. 217. Asuncion. Seed medium, testa purple. Mercado Pettirossi, Asuncion.

341106. 220. Seed small, testa flesh.

341107. 221. Seed small, testa red.

341103 to 341123—Continued

341108. 221–1. Seed small, testa flesh.

341109. 222. Seed small, testa red.

341110. 222–1. Seed small, testa flesh.

341111. 222–2. Seed small, testa flesh.

341112. 223. Seed small, testa red.

341113. 224. Seed small, testa red.

341114. 224–1. Seed small, testa flesh.

341115. 225. Seed small, testa red.

341116. 225–1. Seed small, testa white.

341117. 225–2. Seed small, testa flesh.

341118. 226. Seed small to medium, testa red.

341119. 227. Seed small, testa red.

341120. 227–1. Seed small to medium, testa white.

341121. 228. Seed small, testa purple.

341122. 229. Seed small to medium, testa purple.

341123. 230. Seed small to medium, testa purple.

341124 to 341156. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

From Maryland. Seed presented by John W. Clark, Elkton. Numbered March 12, 1969.

341124. 'Chico Grande'. Texas A. and M. University.

341125. 'Delsher'. University of Delaware.

341126. 'Giant Italian'. Holmes Seed Company, Canton, Ohio. Plant large, potato leaf, fruit very large, non-acid.

341127. 'La Bonita'. Texas A. and M. University.

341128. 'Nemared'. Plant determinate, sets fruit at high temperature. Resistant to *Fusarium*, root knot and nematode.

341129. Campbell 19. Stokes Seeds, Buffalo, New York.

341130. Campbell 22. Campbell Soup Company.

341131. Campbell 24. Stokes Seeds, St. Catherine, Ontario, Canada.

341132. Campbell 1327. Stokes Seeds, Buffalo, N. Y.

341133. Heinz 1350. Otis S. Twilley, Salisbury, Md. High yielding. Resistant to *Verticillium*, *Fusarium* and cracking.

341134. Heinz 1370.

341135. Heinz 1409. D. V. Burrell Seed Growers Company, Rocky Ford, Colorado.

341136. Heinz 1417.

341137. Heinz 1439.

341138. Heinz 1538 VF. Determinate, compact.

341139. Heinz 1548 VF. Otis S. Twilley, Salisbury, Md.

341140. Heinz 1630 VF.

341141. VF–N–8.

341142. VF 13–L.

341143. VF 13–L–34.

341124 to 341156—Continued

341144. VF 145–A.

341145. VF 145–B.

341146. VF 145–B7.

341147. VF 145–B8.

341148. VF 145–B–7879. Asgrow.

341149. VF 145–E.

341150. VF 145–F5. Asgrow.

341151. VF 145–GUS. Asgrow.

341152. VF 145–Mach–9. A. L. Castle, Inc. Morgan Hill, Calif.

341153. VF 145–Mach–H. A. L. Castle, Inc., Morgan Hill, Calif.

341154. VF 145–21–4. A. L. Castle, Inc., Morgan Hill, Calif.

341155. VF 145–31–4P. Otis S. Twilley, Salisbury, Md.

341156. VF 145–22–8.

341157. PRUNUS CERASUS L. Rosaceae. **Sour cherry.**

From Germany. Scions presented by the Max-Planck-Institut fur Zuchtungsforschung, Koln-Vogelsang. Received March 12, 1969.

'Clone 31'.

341158 to 341203. ERAGROSTIS CURVULA (Schrad.) Nees Gramineae. **Weeping lovegrass.**

From Brazil. Seed presented by H. P. Steenmeijer, Instituto de Pesquisas IRI, Campinas, Sao Paulo. Numbered March 12, 1969.

Received in 1964 from South African locations indicated.

341158. 216. Basutoland.

341159. 217. Durban.

341160. 218. Bien Donne.

341161. 219. Bloemfontein.

341162. 220. Bohas Habt.

341163. 221. Burgersdorp.

341164. 222. Galedon.

341165. 223. Citrusdal.

341166. 224. City Deep Mime.

341167. 225. Constantia.

341168. 226. Cullinam.

341169. 227. Dornington.

341170. 228. Du Toite Kloof.

341171. 229. Ermelo Strain.

341172. 230. Grier Wastad.

341173. 231. Groetfontein.

341174. 232. Harrismith.

341175. 233. Koelenhof.

341176. 234. Koolbank.

341177. 235. Kroomdraai.

341178. 236. Loch Sieben.

341158 to 341203—Continued

341179. 237. **Makkotlong.**
341180. 238. **Mahnsbury.**
341181. 239. **Mavarang Mokkotlong.**
341182. 240. **Maseru.**
341183. 241. **Middelburg.**
341184. 242. **Mitchels Pass.**
341185. 243. **Northan Strain.**
341186. 244. Oudtshoorn.
341187. 245. Paarl.
341188. 246. Paneel.
341189. 247. **Piketberg Porterville.**
341190. 248. Rhodes Fruit Farms.
341191. 249. Rivesdale.
341192. 250. Schagen.
341193. 251. Sirnodium.
341194. 252. Stellenbosch.
341195. 253. Sterrstroom.
341196. 254. Tanganika.
341197. 255. Thabanulope.
341198. 256. Wassenaar.
341199. 257. Western Province.
341200. 258. Welgevallen.
341201. 259. Windelhaak.
341202. 260. Witbank.
341203. 261. **Zebra Park.**

341204 to 341209. DAUCUS CAROTA L. Umbelliferae. Carrot.

From New York. Seed produced at Regional Plant Introduction Station, Geneva. Original seed from J. Morle, Tezier Freres, Valence-sur-Rhone, France. Numbered March 12, 1969.

341204. G–16638. 'Flakkee'. Plant 38 cm. high, 48 cm. wide; root 21.5 cm. long, 5.8 cm. diameter, core 1.6 cm., long tapered, no laterals. Uniformity and vigor good; color dark orange; taste and keeping quality excellent.

341205. G–16639. 'Nantaise B'. Plant 33 cm. high, 51 cm. wide; root 22.9 cm. long, 3.6 cm. diameter, core 0.75 cm., very long taper to cylindrical, few laterals. Uniformity and vigor good; color dark orange; keeping quality excellent.

341206. G–16641. 'Nantaise de Maininet'. Plant 33 cm. high, 53 cm. wide; root 19 cm. long, 4.1 cm. diameter, core 0.6 cm., long cylindrical, no laterals. Uniformity and vigor good, color dark orange; taste and keeping quality excellent.

341207. G–16637. 'Parisienne Forcer'. Plant 36 cm. high, 21 cm. wide; root 11.4 cm. long, 5.1 diameter, core 1.5 cm., globe, no laterals. Uniformity and vigor good; exterior and cortex medium orange; core yellow; keeping quality medium.

341208. G–16642. 'Prim Rouge'. Plant 41 cm. high, 64 cm. wide; root 20.3 cm. long, 3.8 cm. diameter, core 1.0 cm., long tapered, few laterals. Uniformity and vigor good, exterior color medium orange; interior color fair orange; core pale orange; keeping quality excellent.

341204 to 341209—Continued

341209. G–16643. 'Touchon'. Plant 31 cm. high, 38 cm. wide; root 19.7 cm. long, 5.1 cm. diameter, core 1.4 cm., cylindrical, few laterals. Uniformity and vigor medium; exterior and cortex dark orange color; core medium orange; keeping quality good.

341210 to 341214. ARMORACIA LAPATHIFOLIA Gilib. Cruciferae. Horseradish.

From England. Plants presented by J & J. Colman Ltd., Carrow Works, Norwich, Norfolk. Received March 14, 1969.

341210. 'Colman H/5'.
341211. 'Colman H/27'.
341212. 'Colman H/29'.
341213. 'Colman H/22'.
341214. 'Colman H/37'.

341215 to 341217.

From Venezuela. Seed presented by the Instituto de Genetica, Facultad de Agronomia, Maracay. Received March 14, 1969.

341215. CARICA CANDAMARCENSIS Hook f. Caricaceae.

341216. CARICA CAULIFLORA Jacq.

341217. CARICA MONOICA Desf.

341218. CARICA MONOICA Desf. Caricaceae.

From Peru. Seed presented by the Rural Development Office, Agency for International Development, Lima. Received March 14, 1969.

Universidad Agraria, Facultad de Agronomia, Lima.

341219 and 341220.

From Puerto Rico. Seed presented by the Federal Experiment Station, Mayaguez. Received March 17, 1969.

341219. PHASEOLUS LATHYROIDES L. Leguminosae.

341220. URENA LOBATA L. Malvaceae.

341221 to 341228.

From Canada. Seed presented by Research Branch, Canada Agriculture, Saskatoon, Saskatchewan. Received March 17, 1969.

341221. BROMUS (hybrid) Gramineae.

Bromus inermis × *B. tyttholepis*. S–7305 BL Syn. 2. Resistant to *Pyrenophora bromi*.

341222 and 341223. BROMUS BIEBERSTEINII Roem. & Schult.

341222. S–7386 Comp. Leafy, field resistant to leaf spots. Origin Bulgaria.

341223. S–7387 Comp. Leafy, field resistant to leaf spots. Origin Bulgaria.

341224 to 341228. BROMUS INERMIS Leyss. Smooth bromegrass.

341224. S–7269 Syn 2. Resistant to *Selenophoma bromigena*.

341225. S–7304 Syn. 2. Resistant to *Pyrenophora bromi*.

341226. S–7306 Syn. 2. Resistant to *Pyrenophora bromi*.

341227. S–7382 Syn. 1 (b). Resistant to *Pyrenophora bromi*.

341228. S–7287 Comp. Tolerant of *Pythium graminicola*.

341229 and 341230. ORYZA SATIVA L. Gramineae. **Rice.**

From Japan. Seed presented by the National Institute of Agricultural Sciences, Hiratsuka, Kanagawa-ken. Received March 17, 1969.

Blast Resistant Lines.

341229. Toride No. 1. TKM. 1 × Norin #8 backcrossed to Norin #8 four times.

341230. Toride No. 2. CO–25 × Norin #8 backcrossed to Norin #8 four times.

341231 to 341240.

From Spain. Tubers presented by Estacion de Mejora de la Patata, Victoria. Originally from Commonwealth Potato Collection, Cambridge, England. CPC numbers refer to that collection. All stocks 2N=48. Numbered March 17, 1969.

341231. SOLANUM EHRENBERGII (Bitt.) Rhyd. Solanaceae.

E–76, T–1. CPC 2302.

341232. SOLANUM PINNATISECTUM Dun.

E–74, T–4. CPC 2300.

341233 to 341240. SOLANUM (hybrids).

341233. E–75, T–4. *S. jamesii* CPC 1439 × *S. pinnatisectum* CPC 2300.

341234. E–77, T–2. *S. ehrenbergii* CPC 2297 × *S. cardiophyllum* subsp. *lanceolatum* CPC 2269.

341235. E–78, T–1. *S. cardiophyllum* subsp. *lanceolatum* CPC 2269 × *S. ehrenbergii* CPC 2302.

341236. E–79, T–2. *S. sambucinum* CPC 2312 × *S. cardiophyllum* subsp. *lanceolatum* CPC 2269.

341237. E–80, T–1. *S. sambucinum* CPC 2312 × *S. cardiophyllum* subsp. *lanceolatum* CPC 2283.

341238. E–82, T–1. *S. sambucinum* CPC 2312 × *S. cardiophyllum* P.I. 160370.

341239. E–84, T–1. *S. cardiophyllum* P.I. 160370 × *S. cardiophyllum* subsp. *lanceolatum* CPC 2269.

341240. E–87, T–3. *S. pinnatisectum* CPC 2300 × *S. cardiophyllum* subsp. *lanceolatum* CPC 2283.

341241 to 341264. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

From Mississippi. Seed grown at Delta Branch Experiment Station, Stoneville. Numbered March 17, 1969.

341241. C.P.I. 14974. 'Seminole'. Australia via Israel.

Australia via Tanganyika.

341242. C.P.I. 15666. 'Hernon 237'.

341243. C.P.I. 15674. 'Red Tanner'.

341244. C.P.I. 15680. 'Yellow Kedele'.

341245. C.P.I. 15939. 'Avoyelles'.

341246. C.P.I. 15941. 'CNS'.

341247. C.P.I. 15947. 'Hernon'.

341248. C.P.I. 15957. 'Sangalo'.

Australia.

341249. C.P.I. 16680.

341241 to 341264—Continued

Australia via Sudan.

341250. C.P.I. 17442. 'Congo'.

Australia via Taiwan.

341251. C.P.I. 31563. 'Bilofield'.

Brazil.

341252. 'Amerelo Giganti'.

Sudan.

341253. 'CMS'.

341254. 'RI 84'.

341255. 'HLST'.

Vietnam.

341256. 'E32'.

341257. 'Nam Vang'.

Tanganyika via El Salvador.

341258. 'HLS 154'.

341259. 'HLS 167'

341260. 'HLS 219'.

341261. 'HLS 239'.

341262. 'HLS 241'.

341263. 'HLS 263'.

341264. Liberia Strain. Liberia. Maturity group VI.

341265 to 341269. ARACHIS HYPOGAEA L. Leguminosae.

From Israel. Seed presented by the Plant Introduction Service, Institute of Agriculture, Rehovoth. Received March 18, 1969.

341265. 280–3. Black. 1967.

341266. 1070 HG 1. 1968.

341267. 1430–13. 1968.

341268. 1433–5. 1968.

341269. 1907–1. 1968.

341270 to 341743. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From Turkey. Seed presented by Rifat Gerek, Plant Breeding Station, Eskisehir. Names of provinces indicate general origin. Numbered March 18, 1969.

341270. B–1. 'Ak 702'. Eskisehir.

341271. B–2. 'Serek 52'. Eskisehir.

341272. B–3. 'Yayla 305'. Eskisehir.

341273. B–4. 'Melez'. Eskisehir.

341274. B–5. 'Linkalel'. Eskisehir.

341275. B–6. 'Qernik'. Eskisehir.

341276. B–7. 'Sunter'. Eskisehir.

341277. B–8. 'Karabas'. Eskisehir.

341278. B–9. 'Karakilgik'. Eskisehir.

341279. B–10. 'Elacibe'. Eskisehir.

341280. B–11. 'Tavganli'. Eskisehir.

341270 to 341743—Continued

341281. B–12. No varietal name. Eskisehir.
341282. B–13. 'Zekinin Bugday'. Eskisehir.
341283. B–14. 'Sacakli Bugday'. Eskisehir.
341284. B–15. 'Ijveyik'. Corum.
341285. B–16. 'Alakilcik'. Samsun.
341286. B–17. 'Ince Bugday'. Samsun.
341287. B–20. 'Kirik Bugday'. Gumughane.
341288. B–21. 'Kizil Bugday'. Gumughane.
341289. B–22. 'Evli'. Isparta.
341290. B–23. 'Kizil Evli'. Isparta.
341291. B–24. No varietal name. Isparta.
341292. B–25. 'Yazlik Bugday'. Erzurum.
341293. B–26. 'Kalin ala Bugday'. Samsun.
341294. B–28. 'Sari Bugday'. Samsun.
341295. B–29. 'Kirmizi Basak'. Erzurum.
341296. B–30. 'Kuse Sunteri'. Bursa.
341297. B–31. 'Violet Basak'. Erzurum.
341298. B–32. 'Kirmizi Basak'. Erzurum.
341299. B–33. 'Beyaz Basak'. Erzurum.
341300. B–34. 'Tr. Turgidum'. Erzurum.
341301. B–35. 'Sari Bugday'. Eskisehir.
341302. B–36. 'Yerli Bugday'. Eskisehir.
341303. B–86. 'Denizli Sert'. Bornova.
341304. B–87. '133 No.1u Bugday'. Bornova.
341305. B–88. 'Mentana'. Bornova.
341306. B–89. '77 No.1u Bugday'. Bornova.
341307. B–90. 'Ploransa'. Peydere.
341308. B–91. 'Yerli'. Peydere.
341309. B–92. 'Yerli'. Peydere.
341310. B–93. 'Yayla (Kizilca)'. Eskisehir.
341311. B–94. 'Ak Pazarcik'. Eskisehir.
341312. B–95. 'Kizilca Bolu'. Eskisehir.
341313. B–96. 'Bolu Bugday'. Eskisehir.
341314. B–97. 'Sari Bugday'. Eskisehir.
341315. B–98. 'Sari Basak'. Eskisehir.
341316. B–99. 'Sunter'. Eskisehir.
341317. B–100. '$\frac{200}{39}$ Yumusak Bugday'. Ankara.
341318. B–101. '$\frac{253}{39}$ Akbasak'. Ankara.
341319. B–102. '$\frac{III}{33}$ Yumnusak Bugday'. Ankara.
341320. B–103. 'Sari Bugday'. Eskisehir.

341270 to 341743—Continued

341321. B–104. 'Sunter'. Eskisehir.
341322. B–105. 'Bugday'. Elazig.
341323. B–106. 'Sunter'. Eskisehir.
341324. B–107. 'Sunter'. Eskisehir.
341325. B–108. 'Sari Bugday'. Eskisehir.
341326. B–109. 'Bugday'. Ankara.
341327. B–110. 'Yerli Kirik Bugday'. Erzurum.
341328. B–111. 'Kirmizi Kilcik(Kupeli Bugday)'. Kirsehir.
341329. B–112. 'Bugday'. Kirsehir.
341330. B–113. 'Ali Bayir Bugday'. Maras.
341331. B–114. 'Tortcu Bugday'. Maras.
341332. B–115. 'Yagli Bugday'. Maras.
341333. B–116. 'Yoksul Yemez'. Maras.
341334. B–118. 'Ak Bugday'. Eskisehir.
341335. B–119. 'Sunter'. Eskisehir.
341336. B–120. 'Sunter'. Cankiri.
341337. B–121. 'Uveyik Bugday'. Amasya.
341338. B–122. 'Bugday'. Amasya.
341339. B–123. 'Sari Sert'. Eskisehir.
341340. B–124. 'Sari Basak'. Eskisehir.
341341. B–125. 'Sari Bugday'. Eskisehir.
341342. B–126. 'Zincirli'. Eskisehir.
341343. B–128. 'Sari Basak'. Eskisehir.
341344. B–129. 'Cali Basan (Bolu)'. Eskisehir.
341345. B–130. 'Sari Bugday'. Eskisehir.
341346. B–131. 'Cankiri Bugday'. Elazig.
341347. B–134. 'Menceki'. Elazig.
341348. B–135. 'Beyaz Kose'. Elazig.
341349. B–136. 'Kara kilcik'. Elazig.
341350. B–137. 'Beyaz Kunduru'. Elazig.
341351. B–138. 'Yazlik Bugday'. Tunceli.
341352. B–139. 'Kiclik Bugday'. Tunceli.
341353. B–140. 'Sari Kilcik'. Ankara.
341354. B–141. 'Sunter'. Ankara.
341355. B–143. 'Karakilcik'. Elazig.
341356. B–144. 'Asure'. Elazig.
341357. B–146. 'Menceki'. Elazig.
341358. B–147. 'Yazlik Bugday'. Elazig.
341359. B–148. 'Asure'. Elazig.
341360. B–150. 'Kunduru'. Maras.
341361. B–151. 'Zeron'. Maras.
341362. B–152. 'Kiruizi Arista'. Maras.

341270 to 341743—Continued

341363. B–153. 'Bugday'. Maras.
341364. B–154. 'Kislik Bugday'. Kayseri.
341365. B–157. 'Kislik Sert Bugday'. Afyon.
341366. B–158. 'Bugday'. Maras.
341367. B–159. 'Rus Bugday'. Corum.
341368. B–160. 'Som Bugday'. Tokat.
341369. B–161. 'Ormece Bugday'. Tokat.
341370. B–162. 'Uveyik'. Tokat.
341371. B–163. 'Sert (Kunduru) Bugday'. Ankara.
341372. B–164. 'Ymusak (Sivas) Bugday'. Ankara.
341373. B–165. 'Sunter'. Ankara.
341374. B–166. 'Kunduru Bugday'. Malatya.
341375. B–167. 'Kizilca Bugday'. Maras.
341376. B–168. 'Tortcu'. Maras.
341377. B–169. 'Sari Bugday'. Maras.
341378. B–170. 'Karakilcik'. Maras.
341379. B–172. 'Yoksul Yemez'. Maras.
341380. B–173. 'Yumusak Ak'. Konya.
341381. B–174. 'Ak Bugday'. Erzincan.
341382. B–175. 'Kara Kilcik'. Erzincan.
341383. B–176. 'Beyaz Bugday'. Konya.
341384. B–177. 'Sunter'. Konya.
341385. B–178. 'Ak basak'. Konya.
341386. B–179. 'Kunduru Sert'. Konya.
341387. B–181. 'Sari Bugday'. Konya.
341388. B–182. 'Ak Bugday'. Konya.
341389. B–183. 'Sari Bugday'. Konya.
341390. B–184. 'Akca Bugday'. Burdur.
341391. B–185. 'Fat Bugday'. Burdur.
341392. B–186. 'Beyaz Bugday'. Urfa
341393. B–187. 'Beyaz Bugday'. Urfa.
341394. B–188. 'Kirmizi Bugday'. Urfa.
341395. B–189. 'Kose Camak'. Konya.
341396. B–190. 'Ak Yamas'. Konya.
341397. B–191. 'Bugday'. Konya.
341398. B–192. 'Bugday'. Ankara.
341399. B–193. 'Kunduru'. Ankara.
341400. B–194. 'Bugday'. Tokat.
341401. B–199. 'Yerli Bugday'. Eskisehir.
341402. B–200. 'Yerli Bugday'. Eskisehir.
341403. B–201. 'Sari Basak'. Eskisehir.
341404. B–202. 'Sari Basak'. Eskisehir.

341270 to 341743—Continued

341405. B–203. 'Sunter'. Eskisehir.
341406. B–204. 'Sari Bugday'. Eskisehir.
341407. B–205. 'Sari Bugday'. Eskisehir.
341408. B–206. 'Karakilcik'. Erzurum.
341409. B–207. 'Kirak Bugday'. Erzurum.
341410. B–208. 'Con kesmo'. Erzurum.
341411. B–209. 'Ak Bugday'. Eskisehir.
341412. B–210. 'Kirmizi Basak'. Eskisehir.
341413. B–213. 'Tr.monococcum'. Eskisehir.
341414. B–214. 'Tr.orientale'. Eskisehir.
341415. B–215. 'Tr.persicum'. Eskisehir.
341416. B–216. 'Littleclube'. Ankara.
341417. B–217. 'Acme'. Ankara.
341418. B–218. 'Relience'. Ankara.
341419. B–219. 'Arnautha'. Ankara.
341420. B–220. 'Spelmar'. Ankara.
341421. B–222. 'Kubanka'. Ankara.
341422. B–225. 'Mindum'. Ankara.
341423. B–226. 'Kota'. Ankara.
341424. B–227. 'Marguis'. Ankara.
341425. B–228. 'Sam Buyday'. Eskisehir.
341426. B–229. 'Kipus'. Eskisehir.
341427. B–230. 'Mida'. Eskisehir.
341428. B–231. 'Pilat–2'. Eskisehir.
341429. B–232. 'Bugday'. Eskisehir.
341430. B–233. '173/39'. Ankara.
341431. B–236. 'Bugday'. Ankara.
341432. B–237. 'Tr.compactum'. Ankara.
341433. B–238. 'Tr.vulgare'. Ankara.
341434. B–239. 'Tr.vulgare'. Ankara.
341435. B–240. 'Tr.vulgare'. Ankara.
341436. B–242. 'Bugday (Tr.vulgare)'. Ankara.
341437. B–243. 'Bugday (Tr.vulgare)'. Ankara.
341438. B–444. 'Bugday (Tr. vulgare)'. Ankara.
341439. B–246. 'Beldik'. Konya.
341440. B–247. 'Betelik'. Konya.
341441. B–248. 'Kundulu'. Konya.
341442. B–249. 'Ziraat Bugday'. Konya.
341443. B–250. 'Timras'. Konya.
341444. B–251. 'Beyaz Ziraat Bugday'. Konya.
341445. B–252. 'Beyaz Bugday'. Konya.
341446. B–253. 'Sert Bugday'. Konya.

341270 to 341743—Continued

341447. B–254. 'Sahman'. Ankara.
341448. B–255. '414/44'. Ankara.
341449. B–256. 'Floransa A–I'. Adana.
341450. B–257. 'Floransa–B'. Adana.
341451. B–258. 'Floransa–C'. Adana.
341452. B–259. 'Kose Eskisehir Bugday'. Eskisehir.
341453. B–273. 'Sari Bugday'. Eskisehir.
341454. B–274. 'Sari Bugday'. Eskisehir.
341455. B–277. 'Kancetka Bugday (Beyaz top)'. Kars.
341456. B–278. 'Kirmizi Bugday'. Kars.
341457. B–281. 'Kose Topbas'. Kars.
341458. B–282. 'Kilcakoci Topbag'. Kars.
341459. B–283. 'Kirmizi Bugday'. Erzurum.
341460. B–286. 'Yazlik Bugday'. Erzurum.
341461. B–287. 'Kirik'. Erzurum.
341462. B–288. 'Sert Kirik Bugday'. Erxurum.
341463. B–289. 'Kilcikli Bugday'. Erzurum.
341464. B–290. 'Kirik'. Erzurum.
341465. B–291. 'Kirik'. Erzurum.
341466. B–293. 'Sert Bugday 414/44'. Ankara.
341467. B–294. 'Karakilrik–1133'. Ankara.
341468. B–295. 'Akbasak–14458'. Ankara.
341469. B–296. 'Sari Bugday'. Samsun.
341470. B–297. 'Kurt Bugday'. Samsun.
341471. B–298. 'Yazlik Bugday–II8'. Samsun.
341472. B–299. 'Yerli Akova Bugday–127'. Samsun.
341473. B–300. 'Ingiliz Bugday–127'. Samsun.
341474. B–301. 'Sam Bugday–133'. Samsun.
341475. B–302. 'Uvoyik Bugday–135'. Samsun.
341476. B–303. 'Rus Bugday'. Samsun.
341477. B–306. 'S–144 g.II'. Ankara.
341478. B–351. 'Morguis 213/49'. Ankara.
341479. B–352. No varietal name.
341480. B–753. 'Kirmizi Bugday'. Sarki Karaagac.
341481. B–754. 'Karakilcik'. Sarki Karaagac.
341482. B–755. 'S.Karaagac Bugday'. Sarki Karaagac.
341483. B–756. 'S.Karaagac Bugday'. Sarki Karaagac.
341484. B–757. 'S.Karaagac Bugday'. Sarki Karaagac.
341485. B–758. 'S.Karaagac Bugday'. Sarki Karaagac.
341486. B–759. 'Kamis Bugday'. Sarki Karaagac.
341487. B–1004. 'Karakilcik(Y.K.No. 1133)'. Yesilkoy.
341488. B–1005. 'Ak basak (Y.K.No.14458)'. Yesilkoy.

341270 to 341743—Continued

341489.	B–1006.	'Y.K.No. 23526'.	Yesilkoy.
341490.	B–1007.	'Y.K.No. 24984'.	Yesilkoy.
341491.	B–1008.	'Y.K.No. 25526'.	Yesilkoy.
341492.	B–1009.	'Y.K.No. 27826'.	Yesilkoy.
341493.	B–1010.	'Y.K.No. 31870'.	Yesilkoy.
341494.	B–1011.	'Y.K.No. 31875'.	Yesilkoy.
341495.	B–1012.	'Y.K.No. 32390'.	Yesilkoy.
341496.	B–1013.	'Y.K.No. 37657'.	Yesilkoy.
341497.	B–1014.	'Y.K.No. 37658'.	Yesilkoy.
341498.	B–1015.	'Y.K.No. 37659'.	Yesilkoy.
341499.	B–1016.	'Koca Bugday'.	Manisa.
341500.	B–1017.	'Akca Bugday'.	Manisa.
341501.	B–1018.	'Caprez Bugday'.	Manisa.
341502.	B–1020.	'Caprez Bugday'.	Manisa.
341503.	B–1021.	'Caprez Bugday'.	Sogut.
341504.	B–1025.	'Ziraat Fak.Kutuk No. 4777'.	Denizli.
341505.	B–1026.	'Ziraat Fak.Kutuk No. 5135'.	Kutahya.
341506.	B–1027.	'Ziraat Fak.Kutuk No. 5138'.	Kutahya.
341507.	B–1028.	'Ziraat Fak.Kutuk No. 5344'.	Tunceli.
341508.	B–1029.	'Ziraat Fak.Kutuk No. 5410'.	Yozgat.
341509.	B–1030.	'Ziraat Fak.Kutuk No. 5406'.	Yozgat.
341510.	B–1031.	'Ziraat Fak.Kutuk No. 1511'.	Erzurum.
341511.	B–1033.	'Ziraat Fak.Kutuk No. 4957'.	Kars.
341512.	B–1035.	'Ziraat Fak.Kutuk No. 4572'.	Ankara.
341513.	B–1036.	'Ziraat Fak.Kutuk No. 4578'.	Amasya.
341514.	B–1037.	'Ziraat Fak.Kutuk No. 2225'.	Maras.
341515.	B–1041.	'Ziraat Fak.Kutuk No. 4793'.	Diyarbakir.
341516.	B–1044.	'Ziraat Fak.Kutuk No. 4793'.	Diyarbakir.
341517.	B–1045.	'Ziraat Fak.Kutuk No. 4788'.	Diyarbakir.
341518.	B–1047.	'Ziraat Fak.Kutuk No. 4780'.	Diyarbakir.
341519.	B–1048.	'Ziraat Fak.Kutuk No. 4795'.	Diyarbakir.
341520.	B–1050.	'Ziraat Fak.Kutuk No. 1785'.	Van.
341521.	B–1051.	'Ziraat Fak.Kutuk No. 1966'.	Mardin.
341522.	B–1052.	'Ziraat Fak.Kutuk No. 1967'.	Mardin.
341523.	B–1053.	'Ziraat Fak.Kutuk No. 5172'.	Mardin.
341524.	B–1058.	'Ziraat Fak.Kutuk No. 5158'.	Maras.
341525.	B–1059.	'Ziraat Fak.Kutuk No. 2171'.	Maras.
341526.	B–1060.	'Ziraat Fak.Kutuk No. 2155'.	Maras
341527.	B–1062.	'Ziraat Fak.Kutuk No. 1744'.	Siirt.
341528.	B–1063.	'Ziraat Fak.Kutuk No. 4909'.	Hatay.
341529.	B–1066.	'Ziraat Fak.Kutuk No. 4918'.	Icel.
341530.	B–1067.	'Ziraat Fak.Kutuk No. 4917'.	Icel.

341270 to 341743—Continued

341531.	B–1068.	'Ziraat Fak.Kutuk No. 4916'.	Icel.
341532.	B–1069.	'Ziraat Fak.Kutuk No. 5265'.	Samsun.
341533.	B–1071.	'Ziraat Fak.Kutuk No. 5421'.	Zongguldak.
341534.	B–1072.	'Ziraat Fak.Kutuk No. 5711'.	Bolu.
341535.	B–1073.	'Ziraat Fak.Kutuk No. 4643'.	Antalya.
341536.	B–1074.	'Ziraat Fak.Kutuk No. 4641'.	Antalya.
341537.	B–1075.	'Ziraat Fak.Kutuk No. 4650'.	Antalya.
341538.	B–1076.	'Ziraat Fak.Kutuk No. 4653'.	Antalya.
341539.	B–1078.	'Ziraat Fak.Kutuk No. 4671'.	Balikesir.
341540.	B–1079.	'Ziraat Fak.Kutuk No. 4730'.	Canakkalo.
341541.	B–1080.	'Ziraat Fak.Kutuk No. 4729'.	Canakkalo.
341542.	B–1081.	'Ziraat Fak.Kutuk No. 4728'.	Bursa.
341543.	B–1082.	'Ziraat Fak.Kutuk No. 4723'.	Bursa.
341544.	B–1083.	'Ziraat Fak.Kutuk No. 4728'.	Bursa.
341545.	B–1084.	'Ziraat Fak.Kutuk No. 4653'.	Antalya.
341546.	B–1086.	'Ziraat Fak.Kutuk No. 4777'.	Denizli.
341547.	B–1087.	'Ziraat Fak.Kutuk No. 4781'.	Denizli.
341548.	B–1088.	'Ziraat Fak.Kutuk No. 4776'.	Denizli.
341549.	B–1089.	'Ziraat Fak.Kutuk No. 4776'.	Denizli.
341550.	B–1090.	'Ziraat Fak.Kutuk No. 4720'.	Burdur.
341551.	B–1092.	'Ziraat Fak.Kutuk No. 4948'.	Isparta.
341552.	B–1094.	'Ziraat Fak.Kutuk No. 5138'.	Bilecik.
341553.	B–1095.	'Ziraat Fak.Kutuk No. 5138'.	Kutahya.
341554.	B–1096.	'Ziraat Fak.Kutuk No. 5144'.	Kutahya.
341555.	B–1098.	'Ziraat Fak.Kutuk No. 5126'.	Kutahya.
341556.	B–1099.	'Ziraat Fak.Kutuk No. 5125'.	Kutahya.
341557.	B–1100.	'Ziraat Fak.Kutuk No. 4529'.	Kutahya.
341558.	B–1102.	'Ziraat Fak.Kutuk No. 3516'.	Afyon.
341559.	B–1103.	'Kiraat Fak.Kutuk No. 4524'.	Afyon.
341560.	B–1104.	'Ziraat Fak.Kutuk No. 4549'.	Afyon.
341561.	B–1105.	'Ziraat Fak.Kutuk No. 4532'.	Afyon.
341562.	B–1106.	'Ziraat Fak.Kutuk No. 4529'.	Afyon.
341563.	B–1107.	'Ziraat Fak.Kutuk No. 4540'.	Afyon.
341564.	B–1108.	'Ziraat Fak.Kutuk No. 4539'.	Afyon.
341565.	B–1110.	'Ziraat Fak.Kutuk No. 4513'.	Afyon.
341566.	B–1111.	'Ziraat Fak.Kutuk No. 4521'.	Afyon.
341567.	B–1112.	'Ziraat Fak.Kutuk No. 4884'.	Afyon.
341568.	B–1113.	'Ziraat Fak.Kutuk No. 4624'.	Eskisehir.
341569.	B–1114.	'Ziraat Fak.Kutuk No. 4603'.	Ankara.
341570.	B–1115.	'Ziraat Fak.Kutuk No. 4633'.	Ankara.
341571.	B–1116.	'Ziraat Fak.Kutuk No. 4610'.	Ankara.
341572.	B–1117.	'Ziraat Fak.Kutuk No. 4584'.	Ankara.

341270 to 341743—Continued

341573.	B–1118.	'Ziraat Fak.Kutuk No. 4600'.	Ankara.
341574.	B–1119.	'Ziraat Fak.Kutuk No. 4613'.	Ankara.
341575.	B–1122.	'Ziraat Fak.Kutuk No. 414/44'.	Ankara.
341576.	B–1123.	'Ziraat Fak.Kutuk No. 5404'.	Ankara.
341577.	B–1126.	'Ziraat Fak.Kutuk No. 5024'.	Yozgat.
341578.	B–1127.	'Ziraat Fak.Kutuk No. 5023'.	Kirsehir.
341579.	B–1128.	'Ziraat Fak.Kutuk No. 5017'.	Kirsehir.
341580.	B–1132.	'Ziraat Fak.Kutuk No. 5065'.	Konya.
341581.	B–1135.	'Ziraat Fak.Kutuk No. 5040'.	Konya.
341582.	B–1136.	'Ziraat Fak.Kutuk No. 5096'.	Konya.
341583.	B–1138.	'Ziraat Fak.Kutuk No. 5038'.	Konya.
341584.	B–1143.	'Ziraat Fak.Kutuk No. 5055'.	Konya.
341585.	B–1144.	'Ziraat Fak.Kutuk No. 5064'.	Konya.
341586.	B–1145.	'Ziraat Fak.Kutuk No. 5078'.	Konya.
341587.	B–1146.	'Zaraat Fak.Kutuk No. 5079'.	Konya.
341588.	B–1148.	'Ziraat Fak.Kutuk No. 5048'.	Konya.
341589.	B–1149.	'Ziraat Fak.Kutuk No. 5084'.	Konya.
341590.	B–1150.	'Ziraat Fak.Kutuk No. 5064'.	Konya.
341591.	B–1151.	'Ziraat Fak.Kutuk No. 5048'.	Konya.
341592.	B–1152.	'Ziraat Fak.Kutuk No. 5193'.	Nigde.
341593.	B–1153.	'Ziraat Fak.Kutuk No. 5202'.	Nigde.
341594.	B–1154.	'Ziraat Fak.Kutuk No. 5105'.	Nigde.
341595.	B–1157.	'Ziraat Fak.Kutuk No. 4995'.	Kayseri.
341596.	B–1159.	'Ziraat Fak.Kutuk No. 5276'.	Sinop.
341597.	B–1160.	'Ziraat Fak.Kutuk No. 4640'.	Antalya.
341598.	B–1161.	'Ziraat Fak.Kutuk No. 5245'.	Sivas.
341599.	B–1162.	'Ziraat Fak.Kutuk No. 5231'.	Sivas.
341600.	B–1163.	'Ziraat Fak.Kutuk No. 5231'.	Sivas.
341601.	B–1164.	'Ziraat Fak.Kutuk No. 4731'.	Cankiri.
341602.	B–1165.	'Ziraat Fak.Kutuk No. 4735'.	Cankiri.
341603.	B–1166.	'Ziraat Fak.Kutuk No. 4736'.	Cankiri.
341604.	B–1167.	'Ziraat Fak.Kutuk No. 4738'.	Cankiri.
341605.	B–1168.	'Ziraat Fak.Kutuk No. 4742'.	Cankiri.
341606.	B–1171.	'Ziraat Fak.Kutuk No. 4758'.	Corum.
341607.	B–1193.	'Kilcikaiz Fususiz'.	Maras.
341608.	B–1195.	'Yoksul Yomez'.	Maras.
341609.	B–1197.	'Sari Bursa'.	Maras.
341610.	B–1198.	'Tortcu Hovrani'.	Maras.
341611.	B–1199.	'Yoksul Yemez'.	Maras.
341612.	B–1200.	'Sari Basak'.	Maris.
341613.	B–1201.	'Karakilcik'.	Maras.
341614.	B–1202.	'Dari bas'.	Maras.

341270 to 341743—Continued

341615. B–1203. 'Yoksul yemez'. Maras.
341616. B–1204. 'Tortcu'. Maras.
341617. B–1206. 'Arista'. Maras.
341618. B–1207. 'Zerun'. Maras.
341619. B–1208. 'Kunduru'. Maras.
341620. B–1209. '193/39'. Ankara.
341621. B–1210. '220/39'. Ankara.
341622. B–1211. '414/44'. Ankara.
341623. B–1212. '1137/50'. Ankara.
341624. B–1213. 'Sunter'. Bilecik.
341625. B–1214. 'Sunter'. Bilecik.
341626. B–1215. 'Sunter'. Bilecik.
341627. B–1216. 'Bolu Bugday'. Bilecik.
341628. B–1217. 'Bolu Bugday'. Bilecik.
341629. B–1218. 'Bolulu'. Bilecik.
341630. B–1220. 'Kirmizi Basak'. Bilecik.
341631. B–1221. 'Pazarcik Sarisz'. Bilecik.
341632. B–1222. 'Qognucek Bugday'. Bilecik.
341633. B–1223. 'Akar Bugday'. Bilecik.
341634. B–1224. 'Kirmizi Havran'. Gaziantep.
341635. B–1225. 'Havran'. Gaziantep.
341636. B–1226. 'Havran'. Gaziantep.
341637. B–1227. 'Hantus'. Gaziantep.
341638. B–1228. 'Hantus'. Gaziantep.
341639. B–1229. 'Floransa'. Gaziantep.
341640. B–1231. 'Kirmizi Bugday'. Eskisehir.
341641. B–1233. 'Bolu Bugday'. Bilecik.
341642. B–1234. 'Sunter'. Sivas.
341643. B–1236. 'Amerikan Bugday'. Sivas.
341644. B–1237. 'Sari Bursa'. Yozgat.
341645. B–1240. 'Ormeco Bugday'. Sivas.
341646. B–1241. 'Yazlik Bugday'. Sivas.
341647. B–1243. 'Zoran Bugday'. Bor-Ulukigla.
341648. B–1244. 'Zoran Bugday'. Bor-Ulukigla.
341649. B–1245. 'Zoran Budgay'. Maras.
341650. B–1246. 'Zoran Bugday'. Gaziantep.
341651. B–1249. 'Cankiri Bugday'. Elazig.
341652. B–1251. 'Suverek Bugday'. Malatya.
341653. B–1252. 'Suverek Bugday'. Malatya.
341654. B–1254. 'Asure Bugday'. Elazig.
341655. B–1255. 'Menceki'. Elazig-Palu.
341656. B–1256. 'Karakilcik'. Elazig.

341270 to 341743—Continued

341657. B–1257. 'Asure Bugday'. Malatya.
341658. B–1263. 'Kirmizi Bugday'. Elbistan.
341659. B–1264. 'Mahlut'. Elbistan.
341660. B–1266. 'Yazlik Bugday'. Elbistan.
341661. B–1267. 'Yazlik Bugday'. Elbistan.
341662. B–1747. 'Elbistan Bugday'. Altintas.
341663. B–1748. 'Beyaz Kabak Bugday'. Altintas.
341664. B–1749. 'Sari Bugday'. Altintas.
341665. B–1750. 'Sari Bugday'. Altintas.
341666. B–1751. 'Sari Bugday'. Altintas.
341667. B–1752. 'Dede Bugday'. Altintas.
341668. B–1753. 'Bolvadin Bugday'. Altintas.
341669. B–1754. 'Karakilcik'. Altintas.
341670. B–1755. 'Kazabacak'. Altintas.
341671. B–1756. 'Beyaz Bugday'. Van.
341672. B–1758. 'Beyaz Karekilcik'. Van.
341673. B–1759. 'Kirmizi Tir'. Van.
341674. B–1760. 'Kirik'. Van.
341675. B–1761. 'Beyaz Tir'. Van.
341676. B–1773. 'Beyaz Tir'. Maras.
341677. B–1774. 'Beyaz Tir'. Maras.
341678. B–1775. 'Beyaz Tir'. Maras.
341679. B–1786. 'Ziraat Fak.Kayit No. 4523'. Ankara.
341680. B–1787. 'Ziraat Fak.Kayit No. 4530'. Ankara.
341681. B–1789. 'Ziraat Fak.Kayit No. 4550'. Ankara.
341682. B–1790. 'Ziraat Fak.Kayit No. 4664'. Ankara.
341683. B–1792. 'Ziraat Fak.Kayit No. 4885'. Ankara.
341684. B–1793. 'Ziraat Fak.Kayit No. 4887'. Ankara.
341685. B–1796. 'Ziraat Fak.Kayit No. 5094'. Ankara.
341686. B–1797. 'Ziraat Fak.Kayit No. 5101'. Ankara.
341687. B–1798. 'Ziraat Fak.Kayit No. 5107'. Ankara.
341688. B–1800. 'Ziraat Fak.Kayit No. 5317'. Ankara.
341689. B–1802. 'Ziraat Fak.Kayit No. 5409'. Ankara.
341690. B–1804. 'Ziraat Fak.Kayit No. 7117'. Ankara.
341691. B–1806. 'Ziraat Fak.Kayit No. 7120'. Elazig.
341692. B–2694. 'Kirmizi Bugday'. Ankara.
341693. B–2695. 'Sari Bursa'. Ankara.
341694. B–2696. 'Koca Bugday'. Ankara.
341695. B–2697. 'Sunter'. Ankara.
341696. B–2701. 'Havidik'. Ankara.
341697. B–2702. 'Sari Bursa'. Ankara.
341698. B–2703. 'Uveyik'. Ankara.

341270 to 341743—Continued

341699. B–2728. 'Beldik–No. 246'. Ankara.
341700. B–2730. Urfa Hara–No. 6'. Ankara.
341701. B–2854. 'Urfa Hara–No. 6'. Eskisehir.
341702. B–2855. 'Arnautka No. 90'. Ankara.
341703. B–2856. 'Turkey P.I. 178667'. Ankara.
341704. B–2859. 'Chinook'. Ankara.
341705. B–2860. 'Omar Bugday'. Ankara.
341706. B–2861. 'Reseve'. Ankara.
341707. B–2863. 'Murgul Kayit No. 12231'. Ankara.
341708. B–4026. 'T.53–27'. Ankara.
341709. B–4032. 'M7–291'. Ankara.
341710. B–4033. '44–2'. Ankara.
341711. B–4034. '57–6'. Ankara.
341712. B–4035. 'M–64'. Ankara.
341713. B–4036. 'M–76'. Ankara.
341714. B–4037. '5132'. Ankara.
341715. B–4038. '7113'. Ankara.
341716. B–4039. 'Uveyik'. Amasya.
341717. B–5138. 'Uveyik'. Birecik Urfa.
341718. B–5139. No varietal name.
341719. B–5140. 'Uveyik'. Nizip Birecik.
341720. B–5141. 'Uveyik'. Nizip Birecik.
341721. B–5142. 'Uveyik'. Diyarbakir.
341722. B–5143. 'Uveyik'. Diyarbakir.
341723. B–5717. 'Bugday'. Urfa.
341724. B–5718. 'Karisik' Bugday'. Mardin.
341725. B–5719. 'Bugday'. Mollaoadi Silvan.
341726. B–5720. 'Sert Bugday'. Coylanpinar.
341727. B–5721. 'Karisik Bugday'. Coylanpinar.
341728. B–5722. 'Sert Bugday'. Coylanpinar.
341729. B–5723. 'Sert Bugday'. Coylanpinar.
341730. B–5724. 'Sert Bugday'. Coylanpinar.
341731. B–5725. 'Karisik Bugday(Beyaziye)'. Coylanpinar.
341732. B–5726. 'Karisik Bugday'. Coylanpinar.
341733. B–5727. 'Triticumsp'. Viransehir.
341734. B–5728. 'Karisik Bugday'. Urfa.
341735. B–5729. 'Karisik Bugday'. Urfa.
341736. B–5730. 'Bugday'. Diyarbakir.
341737. B–5731. 'Bugday'. Idce-Silvan.
341738. B–5732. 'Bugday'. Elazig.
341739. B–6119. 'Bugday'. Bayburt Zir.Tek.
341740. B–6120. 'Bugday'. Afsin Zir.Tek.

341270 to 341743—Continued

341741. B–6121. 'Bugday'. Mengen.

341742. B–6122. 'Bugday'. Malatya Tek.Zir.Md.

341743. B–6134. 'Bugday'. Elazig.

341744 and 341745. MALUS SYLVESTRIS Mill. Rosaceae. Apple.

From Germany. Scions presented by the Obstbauversuchsanstalt Jork Betrieb Esteburg, Hamburg. Received March 20, 1969.

341744. 'Jakob Fischer'.

341745. 'Maunzenapfel'.

341746 to 341777.

From the Netherlands. Plants presented by Stichting Boshouwproefstation, "De Dorschkamp", Wageningen to H. S. McNabb, Jr., Iowa State University, Ames, Iowa. Material used in program breeding for resistance to Dutch elm disease. Numbered March 20, 1969.

341746. ULMUS CANESCENS Melv. Ulmaceae.

NL P154. Israel. Tree small, some corky wings; shoots and leaves softly pubescent. Wild. Susceptible.

341747 to 341752. ULMUS CARPINIFOLIA Gleditsch Smoothleaf elm.

341747. NL 1. Seedlings from Barbier Nurseries, Orleans, France. Clone selected in Baarn, Netherlands. Tree erect, crown open, crotch angle wide, foliage dark; growth rapid; root suckers numerous. Resistance moderate. Commonly used as parent in hybridizing.

341748. NL 28. Origin same as P.I. 341747. Crown higher than wide, leaves small, numerous side veins, retained late in fall. Resistance moderate. Superseded by P.I. 341747 as parent.

341749. NL P267. 'Dampieri'. Crown narrow, becoming pyramidal, shoots ascending, leaves small, curled, light; growth moderate. Good field resistance.

341750. NL P268. 'Hoerscholmiensis'. Selected by L. Nielsen, Hoersholm, Denmark. Crown dense, narrow at base to nearly globose above; leaves narrow. Resistance moderate. Wind resistant, cold hardy. Progeny nearly homogenous.

341751. NL P276. 'Sarniensis'. The Guernsey or Jersey elm. Origin Southwest England or Channel Islands. Crown very narrow pyramidal, tall single stem; leaves small, shiny, dark, appear late spring, persist late fall. Lacks resistance to Dutch elm disease. Resistant to wind, smoke, dust. Hardy at Lisle, Illinois.

341752. NL P510. 'Wredei'. Yellow sport of *U. carpinifolia* var. *dampieri* which it resembles except for color and slower growth. Moderate resistance to *Nectria cinnabarina.*

341753 and 341754. ULMUS GLABRA Huds. Scotch elm.

341753. NL 49. Crown wide spreading. Resistance moderate. Commonly used as parent.

341754. NL P265. 'Exoniensis'. The Exeter elm Ford Nursery, Exeter, England before 1826. Crown columnar becoming nearly globose, shoots ascending; leaves large, curled, dark; growth rapid. Good field resistance. Hardy in Finland, middle Sweden.

341755 to 341758. ULMUS × HOLLANDICA Miller Elm.

341755. NL 274. 'Commelin'. *U* × *hollandica* 'Vegeta' P.I. 341758 × *U. carpinifolia,* P.I. 341747. Crown narrow at first, later widening, branches ascending; leaves small, dark; twigs red brown; growth rapid. Resistance good.

341746 to 341777—Continued

341755 to 341758—Continued

341756. NL 296. 'Groeneveld'. *U. glabra*, P.I. 341753 × *U. carpinifolia*, P.I.341747. Crown dense, narrow; twigs gray; growth slow. Resistance high.

341757. NL P275. 'Belgica'. Crown wide, single stem; growth rapid. Lacks resistance. Timber very valuable. Hardy at Lisle, Illinois.

341758. NL P38. 'Veteta'. Selected by Wood and Ingrams Nursery, Huntingdon, England about 1750 from seed collected in local Hinchingbrook Park. Crown wide, branches ascending; leaves large, flat, light; growth rapid. Resistance moderate. Much used as parent.

341759. ULMUS PUMILA L. **Chinese elm.**

NL P518. 'Androssowi'. Crown dense, conical; growth rapid. Possibly hybrid between *V. pumila* and *V. densa*.

341760. ULMUS WALLICHIANA Planch.

NL P39. Seed from Chamba, Punjab, India, grown at Arnold Arboretum, Massachusetts—scions sent to the Netherlands. Crown vase shape, multistem; leaves large, retained late in fall; growth moderate. Resistance moderate. Hardiness in North doubtful. Commonly used as parent.

341761 to 341777. ULMUS (hybrid).

341761. NL 144. *U. japonica* × *U. carpinifolia*, P.I. 341747. Crown open, crotch angle wide, twigs gray; leaves small, growth rate good. Resistance moderate. Good parent.

341762. NL 202. *U. glabra*. 'Exoniensis', P.I. 341754 × *U. wallichiana*, P.I. 341760. Narrow vase shape, multistem, foliage dark. Resistance moderate. Hardy. Commonly used as parent.

341763. NL 215. *U. pumila* var. *arborea* × *U. carpinifolia*. 'Hoersholmiensis', P.I. 341750. Crown open, twigs pendulous, leaves willowlike. May retain single stem. Resistance moderate. Commonly used as parent.

341764. NL 248. *U. wallichiana*, P.I. 341760 × *U. carpinifolia*, P.I. 341747. Vase shape, multistem, leaves large, growth rapid. Resistance moderate. Not winter hardy. Commonly used as parent.

341765. NL 302. *U. carpinifolia*, P.I. 341747 × *U. carpinifolia*, P.I. 341748. Crown open, leaves very small, growth rapid. Resistance moderate.

341766. NL 405. *U. glabra*, P.I. 341753 × *U. carpinifolia*, P.I. 341747. Crown open, medium size, twigs gray, growth rapid. Resistance good.

341767. NL 476. *Ulmus* (hybrid), P.I. 341764. × *U.* × *hollandica*. 'Belgica', P.I. 341757. Crotch angle small, growth moderate. Resistance moderate.

341768. NL 477. *U. wallichiana*, P.I. 341760 × *U.* × *hollandica*. 'Groeneveld', P.I. 341756. Crown narrow, dense, crotch angle small, twigs stout, gray, leaves dark. Resistance high.

341769. NL 490. *U.* × *hollandica* var. *vegeta*, P.I. 341758 × *U. carpinifolia* P.I. 341748, × *U. carpinifolia* 'Christine Buisman' O.P. Crown narrow, open, high, growth rapid. Resistance moderate.

341770. NL 494. *Ulmus* (hybrid), P.I. 341762. Selfed or O.P. Crown dense, moderately wide, branches ascending; leaves dark; growth rapid. Resistance moderate. Possible wind resistance.

341771. NL 496. *Ulmus* (hybrid), P.I. 341770 × *Ulmus* (hybrid), P.I. 341765. Crown moderately wide, crotch angle small, multistemmed; growth rapid. Resistance high.

341746 to 341777—Continued

341761 to 341777—Continued

341772. NL 502. *Ulmus* (hybrid), P.I. 341763 × *U.* × *hollandica* 'Commelin', P.I. 341755. Crown closed, globular; growth moderate. Resistance good.

341773. NL 519. *Ulmus* (hybrid), P.I. 341763 × *U.* × *hollandica* 'Commelin', P.I. 341755. Crown dense, multistemmed, crotch angle small. Resistance good.

341774. NL 510. (*U. pumila* var. *arborea* × *U. carpinifolia*) × O.P. Seed from Soviet Union, selection in Netherlands. Crown dense, resemble *U. pumila*. Resistance predicted high.

341775. NL 543. P.I. 341762 (NL 202) × *U. carpinifolia*, P.I. 341747. Branches ascending, leaves dark; growth rapid. Resistance predicted high.

341776. NL 550. NL 125 (*U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia*, P.I. 341747) × *U. carpinifolia* 'Hoersholmiensis', P.I. 341750. Crown dense, narrow; leaves large, shiny; growth moderate. Resistance predicted medium.

341777. NL 579. *U.* × *hollandica* 'Belgica', P.I. 341757, × *Ulmus* (hybrid), P.I. 341764. Crown spreading, crotch angle wide; growth rapid. Resistance predicted moderate.

341778 to 341780. SOLANUM TUBEROSUM L. Solanaceae. Potato.

From the Netherlands. Tubers presented by the Instituut voor Rassenonderzoek van Landbouwgewassen, I.V.R.O., Wageningen. Received March 21, 1969.

341778. 'Alpha'.

341779. 'Mirka'.

341780. 'Patrones'.

341781 to 341784.

From Canada. Budsticks presented by the Niagara Parks Commission School of Horticulture, Niagara Falls, Ontario. Received March 25, 1969.

341781. LIGUSTRUM sp. Oleaceae.

Dwarf privet.

341782. POLEMONIUM REPTANS L. Polemoniaceae.

341783. POPULUS ALBA f. PYRAMIDALIS (Bunge) Dippel Salicaceae.

341784. SALIX PURPUREA f. GRACILIS (Gren. & Godr.) Schneid. Salicaceae.

341785. ALOPECURUS PRATENSIS L. Gramineae. Meadow foxtail.

From Maryland. Plants grown at National Plant Materials Center, Soil Conservation Service, Beltsville. Numbered March 25, 1969.

Contaminant of P.I. 315603.

341786 to 341788. HORDEUM VULGARE L. Gramineae. Common barley.

From England. Seed presented by David Miln and Company, Chester. Received March 25, 1969.

341786. 155–49. 'Golden Promise' × 'Emir'.

341787. 'Golden Promise'. Gamma ray mutant from 'Maythorpe'.

341788. 'Maythorpe'. 'Irish Goldthorpe' × 'Maja'.

341789 to 341792. TRITICUM AESTIVUM L. Gramineae.
Common wheat.

From India. Seed presented by Indian Agricultural Research Institute, Division of Plant Introduction, New Delhi under Public Law 480 Project A7–MQ–1. Received March 25, 1969.

341789. W–13.

341790. E 4292.

341791. E 6139.

341792. HD(M) 1593.

341793 to 341796. HORDEUM VULGARE L. Gramineae.
Common barley.

From the Union of Soviet Socialist Republics. Seed presented by the All Union Institute of Plant Industry, Leningrad. Received March 25, 1969.

341793. K–16948. Krasnodar 2929.

341794. K–18469. Odessa 17.

341795. K–19690. Odessa.

341796. K–19789. Odessa. Pallidum 14/14.

341797 to 341806.

From the Union of Soviet Socialist Republics. Seed presented by P. M. Zhukovsky through the All-Union Institute of Plant Industry, Leningrad. Remnants of Vavilov World Collection of Cultivated Plants. Received March 25, 1969.

341797. AEGILOPS UMBELLULATA Zhuk. Gramineae. **Goatgrass.**

K–44. Asia Minor. Cu, 2n=14.

341798 and 341799. TRITICUM (hybrid). Gramineae.

T. timopheevii × *T. carthlicum*. AAAABBGG, 2n=56.

341798. K 40575. Received as *T. fungicidum* var. *fungicidum* Zhuk.

341799. 054398. Received as *T. fungicidum* var. *rubracidum* Zhuk. et Miqusch.

341800. TRITICUM CARTHLICUM Nevski **Persian wheat.**

K 32510. Daghestan. AABB, 2n=28. Received as *T. carthlicum* var. *fuliginosum* Zhuk.

341801. TRITICUM MONOCOCCUM var. HORNEMANNII (Clem). Koern.

K 35916. Georgia. AA, 2n=14.

341802 to 341804. TRITICUM TIMOPHEEVII (Zhuk.) Zhuk.

341802. K 29548. Georgia. Received as *T. timopheevi* var. *typicum* Zhuk. AAGG, 2n=28.

341803. K 43065. Received as *T. timonovum* var. *timonovum* Heslot. AAAAGGGG, 2n=56.

341804. 054397. Received as *T. timonovum* var. *rubronobum* Zhuk. et Migusch AAAAGGGG, 2n=56.

341805. TRITICUM ZHUKOVSKYI Men. et Er.
K 43063. Georgia. AAAAGG, 2n=42.

341806. TRITICUM sp.

K 054395. Received as *T. militinae* Zhuk. et Migusch. AAGG, 2n=28.

341807. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Venezuela. Cuttings presented by Ministerio de Agricultura y Cria. Centro de Investigaciones Agronomicas, Maracay. Numbered March 26, 1969.

'Salangore'.

341808. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

From Idaho. Seed increased by Bean Research Laboratory, Twin Falls. Numbered March 26, 1969.

'Burtner's Blightproof'. Seed small, white. Resistant to curly top virus.

341809. VITIS VINIFERA L. Vitaceae. **European grape.**

From Turkey. Cuttings presented by the Crop Research and Introduction Center, Izmir. Received March 27, 1969. 'Thompson Seedless'.

341810 and 341811. VITIS VINIFERA L. Vitaceae. **European grape.**

From Germany. Cuttings presented by the Bayerische Landesanstalt fur Wein-Obst-und Gartenbau, Wurzburg. Received April 1, 1969.

341810. 'Perle'.

341811. 'Roter Zierfandler'.

341812. ORYZA SATIVA L. Gramineae. **Rice.**

From the Philippines. Seed presented by the International Rice Research Institute, Manila. Received April 1, 1969.

'R4–B'. Obtained from Japan.

341813. ARACHIS HYPOAEA L. Leguminosae. **Peanut.**

From Israel. Seed presented by the Volcani Institute of Agricultural Research, Beit Dagan. Received April 1, 1969. 'X–30'.

341814 to 341816. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

From New York. Seed produced at Regional Plant Introduction Station, Geneva. Original seed received from Canada. Numbered April 1, 1969.

341814. G 13172. Plant 36 cm. high by 140 cm. wide, medium number stems and leaves, dark green; flowers pale purple, late. Leaf spot infection medium, blackstem none, weevil damage medium. Vigor poor, fall recovery poor, winter hardiness and spring recovery good. Received in 1963.

341815. G 15182. Plant 58 cm. high by 193 cm. wide, crown 18 cm. wide. Medium number stems of variable size, many leaves, medium size, dark; flowers pale purple and yellow, late. Leaf spot infection light, blackstem infection medium, weevil damage medium. Vigor excellent, winter hardiness excellent, spring recovery good. Received in 1965.

341816. G 15183. Plants 58 cm. high by 147 cm. wide, crown 20 cm. wide. Medium number and size stems, medium number and size leaves; flowers pale to medium purple, early. Leaf spot infection slight, blackstem infection medium, weevil damage medium. Vigor medium, winter hardiness excellent, spring recovery very good. Received in 1965.

341817 to 341821. CYNODON PLECTOSTACHYUS (K. Schum.) Pilg. Gramineae. **Stargrass.**

From Rhodesia. Cuttings presented by the Grasslands Research Station, Marandellas. Received April 3, 1969.

341817. G.171. No. 2. Star.

341818. G.191. Muguga Star.

341819. G.330. Giant Star.

341820. G.341. Lake Manyara. No. 250.

341821. G.343. Ngorogoro Star.

341822. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Colombia. Cuttings presented by the Programa Nacional de Cana de Azucar, Palmira. Received April 4, 1969.

E.P.C. 42–911.

341823 to 341830. VITIS VINIFERA L. Vitaceae **European grape.**

From India. Cuttings presented by the Food and Agriculture Organization of the United Nations, New Delhi. Received April 7, 1969.

341823. 'Anab-E-Shahi'.
341824. 'Bharat Early'.
341825. 'Bhokri'.
341826. 'Hur'.
341827. 'Kandhari'.
341828. 'Kishmish Beli'.
341829. 'Kishmish Charni'.
341830. 'Pusa Seedless'.

341831. CARICA CANDAMARCENSIS Hook. f. Caricaceae.

From Ecuador. Seed presented by the United States Aid Mission to Ecuador, Quito. Received April 7, 1969.

341832 to 341874. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From India. Cuttings presented by the Sugarcane Breeding Institute, Coimbatore. Received April 8, 1969.

341832. 'Kansar'.
341833. 'Lalri'.
341834. 'Matna Shahj'.
341835. 'Pararia'.
341836. Co.727.
341837. Co.842.
341838. Co.1158.
341839. Co.1223.
341840. I.A.1425.
341841. I.A.1479.
341842. I.A.1715.
341843. I.A.1741.
341844. I.A.2077.
341845. I.A.2270.
341846. I.A.2364.
341847. I.A.2369.
341848. I.A.2397.
341849. I.A.2413.
341850. I.A.2414.
341851. I.A.2415.
341852. I.A.2416.
341853. I.A.2425.
341854. I.A.2429.
341855. I.A.2436.
341856. I.A.2448.
341857. I.A.2461.
341858. I.A.2463.
341859. I.A.2467.
341860. I.A.2468.
341861. N.C.42.
341862. N.C.49.
341863. N.C.92.
341864. 28 NG 21.
341865. 28 NG 44.
341866. 57 NG 58.
341867. 57 NG 212.
341868. P'111.
341869. SES 224.
341870. SES 248.
341871. SES 264.
341872. SES 310.
341873. SES 334.
341874. SES 358. Narenga.

341875 to 341877.

From Mexico. Seed collected January 1969 by J. V. Dennis, Leesburg, Virginia. Received April 8, 1969.

341875. GOSSYPIUM sp. Malvaceae.

N. 1. Wild. Several miles north of Champoton, Campeche, Mexico. On limestone formation.

341875 to 341877—Continued

341876. GOSSYPIUM sp.

No. 2. Wild. Chicxulub, near Progresso, Yucutan.

341877. GOSSYPIUM sp.

No. 3. Wild. Chicxulub, near Progresso, Yucutan.

341878 to 341887.

From Israel. Seed presented by Z. R. Frank, Volcani Institute of Agricultural Research, Beit Dagan. Received April 8, 1969.

341878 to 341886. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

341878. No. 2. 'Florispan Runner'. Bunch type selection.

341879. No. 3. 'Tarapoto 63–1556'. Short pod selection.

341880. No. 5. Venezuela C–15607.

341881. No. 8. A–K–10.

341882. No. 12. 'Virginia Bunch A–21'.

341883. No. 13. N.C.–2 (B–33).

341884. No. 23. 'Matjan', Rehovot 119.

341885. No. 28. Schwarz–21, Rehovot 121.

341886. No. 28a. Schwarz–21, line 117/F.

341887. ARACHIS HYPOGAEA f. NAMBYQUARAE (Hoehne) F. J. Herm. No. 27.

341888 to 341891. PISUM SATIVUM L. Leguminosae. Garden pea.

From the Netherlands. Seed presented by Nunhem's Zaden, N.V., Haelen through Institute of Horticultural Breeding, Wageningen. Received April 8, 1969.

Resistant to *Fusarium oxysporum* f. *pisi* race 1.

341888. 'Cennia'. Seed wrinkled, with starch as in round seed.

341889. 'Elwy'. Double podded, late.

341890. 'Honey'. Single podded.

341891. 'Onyx'. 'Sweet Alaska' × unknown. Plant short, early.

341892 to 341899.

From Uruguay. Seed collected by Bernardo Rosengurtt, Facultad do Agronomia. Universidad de la Republic, Montevideo. Public Law 480 Project S9–CR–3. Numbered April 8, 1969.

341892. DAUCUS MONTEVIDENSIS Link ex Spreng. Umbelliferae.

Ur 43312. Growing in open area on fertile soil. Erect annual herb, 6 dm. or more high; maturation relatively determinate.

341893. ERYNGIUM aff. DECAISENANUM Urban Umbelliferae.

Ur 43808. Growing on marshy land. Perennial herb, to 2 m. high.

341894. ERYNGIUM SANGUISORBA Cham. & Schlecht.

Ur 47123. Perennial herb, 0.5 to 1.2 m. high; abundant fruiting; maturation more or less determinate.

341895. ERYNGIUM sp.

Ur 42881. Biennial or perennial herb; inflorescence capitate.

341896. ERYNGIUM sp.

Ur 43337. Growing in sandy areas. Perennial herb, to 1 m. high; fruits persisting on some plants from the previous year.

341892 to 341899—Continued

341897. ERYNGIUM sp.

Ur 47315. Growing in moist sandy places. Decumbent, spiny perennial herb.

341898. MONNINA EMARGINATA St. Hil. Polygalaceae.

Ur 46242. Perennial herb; fruits borne at ends of branches in large spikes.

341899. STENACHAENIUM MACROCEPHALUM (DC.) Benth. & Hook. Compositae.

Ur 47294. Jardin Botanico de Faciltado de Agronomia, Montevideo; origin Santiago Vasquez. Cultivated perennial, 1 to 2 m. high, seed abundant.

341900. ATRACTYLIS OVATA Thunb. Compositae.

From Korea. Seed collected by Tchang Bok Lee, Department of Forestry, Seoul National University, Suwon. Public Law 480 Project A13–CR–1. Numbered April 8, 1969.

KO 46708. Hill and mountain regions. Perennial with rhizomes; stem erect, branched, to 1 m. high; heads terminal.

341901 to 341903.

From Israel. Seed presented by A. Abraham, The Volcani Institute of Agricultural Research, Rehovot. Public Law 480 Project A10–CE–10. Numbered April 8, 1969.

341901. AINSWORTHIA TRACHYCARPA Boiss. Umbelliferae.

Is 44120. Erect annual herb, 3 to 6 dm. high.

341902. DAUCUS LITTORALIS Sibth. & Sm. Umbelliferae.

Is 46439. Growing in sandy places. Annual, 3 to 4 dm. high; fruiting umbel contracted, nestlike.

341903. RIDOLFIA SEGETUM (L). Moris Umbelliferae.

Is 42032. Grainfields and waste places. Erect annual herb, 0.5 to 1 m. high; stem branching, leafy; rays of umbel numerous.

341904 to 341906.

From Spain. Seed collected by Miquel Echegaray, Ministerio de Agricultura, Instituto Nacional de Investigaciones Agronomicas. Plantas Forrajeras y Pratenses. Public Law 480 Project E25–CR–11. Numbered April 8, 1969.

341904. DAUCUS MURICATUS L. Umbelliferae.

Sp 44109. Mediterranean region. Erect annual herb, 3 to 5 dm. high. Maritime sands.

341905. EUPHORBIA NUTANS Lag. Euphorbiaceae.

Sp 45831.

341906. THAPSIA VILLOSA L. Umbelliferae.

Sp 46237. Arid areas in the Mediterranean region. Robust perennial herb, from 0.5 to 1 m. high; central umbel large and fertile, lateral umbels sterile.

341907 to 341911.

From Turkey. Seed collected by Osman Tosun, Ziraat Fakultesi, Ankara. Public Law 480 Project A22–CR–4. Numbered April 8, 1969.

341907. ADONIS AESTIVALIS L. Ranunculaceae.

Tu 41230. Bottom of Cubuk valley, Ankara. Annual, stems straight and erect, flowers bright red, seed angular.

341907 to 341911—Continued

341908. AMMI sp. Umbelliferae.

Tu 44703. Growing along roadside at 750 m. elevation. Erect annual, 6 to 7 dm. high; stem branched.

341909. DAUCUS sp. Umbelliferae.

Tu 44646. In fields at 30 m. elevation. Erect annual or biennial, stem branched, 8 to 10 dm. high.

341910. LAGOECIA CUMINOIDES L. Umbelliferae.

Tu 43253.

341911. LAPSANA RAMOSISSIMA Boiss. & Heldr. Compositae.

Tu 47757. Stony places. Erect annual, 0.5 to 1 m. high; dichotomous to corymbose branching.

341912 to 341914.

From Pakistan. Seed collected by E. Nasir, Gordon College, Rawalpindi.

Public Law 480 Project A17–CR–7.

341912. IMPATIENS BRACHYCENTRA Kar. & Kir. Balsaminaceae.

Pa 47481. Western temperate Himalaya, elevation 1,800 to 2,700 m. Erect annual herb, 3 to 6 dm. high; peduncles numerous mostly subterminal, capsules probably explosively dehiscent.

341913. PIMPINELLA DIVERSIFOLIA DC. Umbelliferae.

Pa 47490. Throughout the Himalaya from 1,000 to 3,000 m. Perennial herb, 0.5 to 1.5 m. high; corymbosely branching upwards. Fairly common in rich forest undergrowth.

341914. SCALIGERA AITCHISONII H. Wolff Umbelliferae.

Pa 47824. Elevation 600 to 2,100 m. Perennial herb, stem simple or corymbose above.

341915. TAUSCHIA HARTWEGII (Gray) Macbr. Umbelliferae.

From California. Seed collected by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Numbered April 8, 1969.

Col. 19767. Occasional on wooded or brushy slopes below 1,500 m. in coast ranges and Sierra Nevada foothills. Acaulescent perennial with fleshy rootstocks; scapes diverging, to 8 dm. long.

341916 to 341918.

From Arizona. Seed collected by A. S. Barclay, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Numbered April 8, 1969.

341916. MALVA PARVIFLORA L. Malvaceae.

Col. 2055. Local name Cheeseweed. Along U.S. 80, 16 km. west of Gila Bend. Erect annual herb to 1 m. high, solid stands on disturbed roadsides. Excellent seed production and retention.

341917. LAPPULA REDOWSKII (Hornem.) Greene Boraginaceae.

Col. 2047. Upper flood plain of Santa Cruz River near intersection Silverbell and Sunset Road, Tucson. Elevation 700 m. Erect annual herb to 6 dm. high; flowers blue with yellow centers.

341918. STREPTANTHUS ARIZONICUS S. Wats. Cruciferae.

Col. 2068. Disturbed roadside off U.S. 80, southeast outskirts of Tucson. Annual herb with erect and simple or ascending, moderately branching stems; 6 to 10 dm. high; flowers white with purple nerves on outside, good seeder.

341919. AMMOSELINUM GIGANTEUM Coult. & Rose Umbelliferae.

From Arizona. Seed collected by G. A. White, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Numbered April 8, 1969.

Col. 1. Occasional in basins. Roadside 6.5 km. south of Casa Grande. Erect winter annual; stems 1 to several, 2 dm. or more high; umbels axillary and terminal.

341920 and 341921.

From Texas. Seed collected by A. S. Barclay, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Numbered April 8, 1969.

341920. AMMOSELINUM POPEI Torr. & Gray Umbelliferae.

Col. 2094. In sandy soil. U.S. 90, 32 km. south-southeast of Van Horn at county line. Erect annual herb, 2 to 4 dm. high; inflorescence of compound umbels, peduncles axillary and terminal; prolific seeder with good retention.

341921. LIMNOSCIADIUM PUMILUM (Engelm. & Gray) Math. & Const. Umbelliferae.

Col. 749. Highway 75, Houston-Galveston 500 m. west of Webster-Allen turnoff. Low, erect annual herb, flowers greenish white. Growing in dense colonies in wet places.

341922. PHYSARIA FLORIBUNDA Rydb. Cruciferae.

Col. 3038. Open shale slopes, elevation 2,250–2,550 m. along U.S. 64, 3.7 km. southwest of Palo Flechado Pass, Carson National Forest. Erect to ascending perennial; habit similar to *Lesquerella* spp; flowers yellow, good seed production and retention.

341923. PRIONOSCIADUM sp. Umbelliferae.

From Mexico. Seed collected by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Numbered April 8, 1969.

Col. 18020 or 18022. Rocky slope in oak grassland, 67 km. west of Parral, Chihuahua. Elevation 2,250 m. Biennial or perennial herb, 1.4 to 1.8 m. high.

341924. PRUNUS CERASUS L. Rosaceae. **Sour cherry.**

From Yugoslavia. Rooted plants presented by the Center for the Improvement of Agricultural Production, Belgrade. Received April 9, 1969.

Semidwarf with colored juice.

341925. URENA sp. Malvaceae.

From Puerto Rico. Seed collected by L. L. Williams, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received April 9, 1969.

Torro Negro. Elevation 2,310 m.

341926. SORGHUM BICOLOR (L.) Moench Gramineae. **Sorghum.**

From India. Seed presented by N. D. Arora, Department of Plant Breeding, Hissar, Punjab. Received April 9, 1969.

J.S. 29/1.

341927 to 341937. ORYZA SATIVA L. Gramineae. **Rice.**

From Japan. Seed presented by Kamikawa Agricultural Experiment Station, Magayama, Asahikawa. Received April 9, 1969.

341927. 'Aedal'. Crops Experiment Station, Suwon, Korea.

341928. 'Daikoku'. Faculty of Agriculture, Hokkaido University.

341927 to 341937—Continued

341929. 'Dohhoku No. 1'.

341930. 'Himehonami'.

341931. 'Hokuto'.

341932. 'Iburiwase'.

341933. 'Johiku No. 314'.

341934. 'Johiku No. 349'.

341935. 'Sasahonami'.

341936. 'Shinsetsu'.

341937. 'Yuhkara'.

341938 and 341939. TRIFOLIUM UNIFLORUM L. Leguminosae.

From Australia. Seed presented by the Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Received April 9, 1969.

341938. C.P.I. 34575.

341939. C.P.I. 45929.

341940. CUCUMIS SATIVUS L. Cucurbitaceae. Cucumber.

From Nepal. Seed presented by Ministry of Agriculture, Kathmandu. Received April 9, 1969.

Fruit remains crisp as skin yellows, seeds small, soft. No mildew observed on plants in Nepal.

341941 to 341945.

From Sweden. Seed presented by University Botanic Garden, Uppsala. Received April 9, 1969.

341941. COTONEASTER CINNABARINA Juzepczuk Rosaceae.

341942. COTONEASTER HARRYSMITHII Flinck & Hylmo

341943. COTONEASTER MELANOCARPA var. LAXIFLORA (Jacq.) C. Schneid.

341944. COTONEASTER SPLENDENS Flinck & Bertil

341945. COTONEASTER TOMENTOSA (Ait.) Lindl.

341946 to 341952. HORDEUM VULGARE L. Gramineae. Common barley.

From Romania. Seed presented by Director of Scientific Research, Cereal and Technical Crops Research Institute, Fundulea, Bucuresti. Received April 9, 1969.

341946. Cenad 345.

341947. Cenad 396.

341948. Intensiv 1.

341949. Fundulea 245/64.

341950. Fundulea 296/64.

341951. Fundulea 324/60.

341952. Fundulea 653/63.

341953. URENA LOBATA L. Malvaceae.

From Ghana. Seed presented by S. Y. Amankwah, Crops Research Institute, Kumasi. Received April 9, 1969.

341954 to 341981. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

From Japan. Seed presented by Tamotsu Hanaoka, Hokkaido National Agricultural Experiment Station, Hitsujigaoka, Sapporo. Received April 10, 1969.

F_1 hybrids.

341954. 'Earl's Favorite'. Netted.

341955. 'Kanro'. Japanese melon.

341956. 'Kin-Makuwa'. Local variety of Iwate Prefecture.

341957. 'Kanro' × unknown.

341958. 'Teradral' × 'Okitsu'.

341959. 'Dream Melon'. Takii and Company, Japan.

341960. 'Hoggoku No. 2' of 'King'. 'Earl's Favorite' × 'Spicy'. Netted.

341961. 'Kinsho'.

341962. 'Lager'.

341963. 'Life'. 'Pearl' × 'Rockyford'.

341964. 'Mamma'.

341965. 'Prince'.

341966. 'Sapporo Super King'.

341967. 'Wonderful'. Hokkaido.

Not F_1 hybrids.

341968. 'Okitsu'. Bred at National Horticultural Research Station, Okitsu, Shizuoka.

341969. 'Teradral', original name; 'Noboru No. 3', Japanese name.

341970. 'Pearl'.

341971. 'Teradral' × Earl's Favorite.

341972. 'Teradral' × Earl's Favorite'. F_2.

341973. 1. Netted, flesh red.

341974. 2. Netted, flesh red.

341975. 3. Netted, flesh red.

341976. 4. Netted, flesh red.

341977. 5. Netted, flesh red.

341978. 6. Netted, flesh red.

341979. 7. No description or variety.

341980. 42–B–FG.

341981. 67–A–3.

341982 and 341983.

From California. Seed grown by C. M. Rick, Department of Vegetable Crops, University of California, Davis. Originally from Academy Bay, Isla Santa Cruz, Galapagos, Ecuador. Reference American Journal of Botany 43:687–696. 1956. Numbered April 10, 1969.

341982. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

LA 292. Epidermal hairs small, trichomes absent; foliage lacks tomato odor. Fruit red, oblate 1.5–2.5 cm. diameter, locules 2 to 4.

341983. LYCOPERSICON PIMPINELLIFOLIUM (Jusl. in L.) Mill. **Currant tomato.**

LA 166. Foliage light green, large trichomes on peduncles, stems, petioles; pedicels jointless; strong anthocyanin pigmentation of nodes, flower buds; fruit dull orange yellow, seeds small, difficult to germinate.

341984 to 341989. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From Rhode Island. Lines developed by E. A. Griffiths, Department of Horticulture, University of Rhode Island, Kingston. Germination percentages given for two and three weeks respectively at 10° C. Numbered April 10, 1969.

341984. URI 67–15–1. Selection from 'Rhode Island Early' × P.I. 174263. Vine indeterminate, compact, vigorous. Fruit red globe, 30 to 60 grams, 20% slightly rough, uneven ripening, prolific. Early. Germination 97%, 98%. Fifth generation seed.

341985. URI 67–17–1. Selection from 'Rhode Island Early' × P.I. 174263. Vine indeterminate, compact, vigorous. Fruit red globe, 30 to 60 grams, smooth, uniform, yield good. Midseason. Germination 83%, 98%. Fifth generation seed.

341986. URI 67–18–1. Selection from 'Rhode Island Early' × P.I. 174263. Vine indeterminate, compact, vigorous. Fruit red slightly flattened globe, 110 to 140 grams, heavy crown set. Early. Germination 73%, 99%. Fifth generation seed.

341987. URI 67–26–1. Selection from P.I. 263713 × P.I. 174263. Vine determinate, vigorous. Fruit orange red slightly flattened globe, 30 to 60 grams, excellent crown set. Midseason. Germination 96%, 99%. Fifth generation seed.

341988. URI 67–52–1. Selection from 'Rhode Island Early' × ('RIE' × P.I. 174263). Vine indeterminate, compact, vigorous. Fruit red globe, 30–60 grams, excellent crown set, even ripening. Has potential for once over mechanical harvest. Early. Germination 95%, 97%. Fourth generation seed from backcross to recurrent parent.

341989. URI 67–61–1M. Selection from 'Valiant' × P.I. 203229. Vine indeterminate, compact, vigorous, foliage dark green. Fruit red slightly flattened globe, 200 to 280 grams, well ripening green shoulders; heavy yield. Midseason. Germination 75%, 77%. Fourth generation seed from backcross to recurrent parent.

341990 to 341992. HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From Ghana. Seed presented by G. P. Tewari, Faculty of Agriculture, University of Science and Technology, Kumasi. Received April 10, 1969.

'Ghana Mixed'. Mixture of seven distinguishable types.

Following are most promising.

341990. 01. Stem green, 1.8 to 3.1 m. high, vigorous; leaves cordate, entire.

341991. 03. Stem purplish, 1.8 to 2.4 m. high; leaves cordate, entire.

341992. 07. Stem deep purple, 3 m. high, vigorous; leaves cordate, entire; flowering late.

341993 to 341998. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Nigeria. Tubers presented by the United States Aid Mission to Nigeria, Lagos. Received April 11, 1969.

341993. B6329–1.

341994. B6330–2.

341995. B6376–23.

341996. B6377–9.

341997. B6377–11.

341998. B6377–17.

341999. PENNISETUM PURPUREUM Schum. Gramineae. **Elephantgrass.**

From Guatemala. Cuttings collected by A. J. Oakes, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Numbered April 11, 1969.

Col. 771. Retalhuleu. Dwarf type.

342000 to 342001. FRAGARIA (hybrid). Rosaceae.

From the Netherlands. Plants presented by the Small Fruit Research Institute of Horticultural Plant Breeding, Wageningen. Received April 14, 1969.

342000. 'Ostara'.

342001. 'Rabunda'.

342002 to 342005. GLYCINE MAX (L.) Merr. Leguminosae.
Soybean.

From Japan. Seed presented by M. Sato, Ministry of Agriculture and Forestry, Kasumigaseki, Chiyoda-ku, Tokyo. Received April 14, 1969.

342002. 'Gedenshirazu No. 1'.

342003. 'Hankuho'.

342004. 'Nemashirazu'.

342005. 'Fujimijiro'.

342006 to 342011. FRAGARIA (hybrid). Rosaceae.

From Germany. Plants presented by Kg. Sengana GmbH. & Co., Hamburg. Received April 15, 1969.

342006. 'Senga Remonta'.
342007. 1715.
342008. 1726.
342009. 1762.
342010. 1766.
342011. 1778.

342012 and 342013. SACCHARUM (hybrid) Gramineae.
Sugarcane.

From Mauritius. Cuttings presented by the Mauritius Sugar Industry Research Institute. Received April 16, 1969.

342012. 'Mauritius Guingham'.

342013. 248/57.

342014 to 342429. HORDEUM VULGARE L. Gramineae.
Common barley.

From Turkey. Seed presented by Rifat Gerek, Plant Breeding Station, Eskisehir. Names of provinces indicate general origin. Numbered April 17, 1969.

342014.	1.	Eskisehir.
342015.	2.	Eskisehir.
342016.	16.	Eskisehir.
342017.	18.	Eskisehir.
342018.	19.	Elazig.
342019.	20.	Kirsehir.
342020.	21.	Eskisehir.
342021.	23.	Erzurum.
342022.	25.	Maras.
342023.	26.	Ankara.
342024.	27.	Maras.
342025.	28.	Kayseri.
342026.	29.	Elazig.
342027.	30.	Maras.
342028.	31.	Tokat.
342029.	32.	Tokat.
342030.	33.	Ankara.
342031.	34.	Malatya.
342032.	35.	Afyon.
342033.	36.	Eskisehir.
342034.	2299.	Usak.
342035.	2300.	Usak.
342036.	2301.	Usak.
342037.	2302.	Usak.
342038.	2303.	Usak.
342039.	2304.	Usak.
342040.	2305.	Usak.
342041.	2307.	Usak.
342042.	2308.	Usak.
342043.	2309.	Usak.

342014 to 342429—Continued

342044.	2310.	Usak.
342045.	2311.	Usak.
342046.	2312.	Usak.
342047.	2313.	Usak.
342048.	2314.	Usak.
342049.	2315.	Usak.
342050.	2316.	Usak.
342051.	2317.	Usak.
342052.	2318.	Usak.
342053.	2319.	Usak.
342054.	2320.	Usak.
342055.	2321.	Usak.
342056.	2322.	Usak.
342057.	2323.	Usak.
342058.	2324.	Usak.
342059.	2325.	Usak.
342060.	2326.	Usak.
342061.	2327.	Usak.
342062.	2328.	Usak.
342063.	2329.	Usak.
342064.	2330.	Usak.
342065.	2331.	Usak.
342066.	2332.	Usak.
342067.	2333.	Usak.
342068.	2335.	Usak.
342069.	2336.	Usak.
342070.	2337.	Karakalli.
342071.	2338.	Afyon.
342072.	2339.	Afyon.
342073.	2340.	Usak.
342074.	2341.	Afyon.
342075.	2342.	Afyon.
342076.	2343.	Afyon.
342077.	2344.	Usak.
342078.	2345.	Afyon.
342079.	2346.	Afyon.
342080.	2347.	Afyon.
342081.	2348.	Afyon.
342082.	2349.	Afyon.
342083.	2350.	Afyon.
342084.	2351.	Usak.
342085.	2352.	Afyon.
342086.	2353.	Usak.
342087.	2354.	Afyon.
342088.	2355.	Afyon.
342089.	2356.	Afyon.
342090.	2357.	Usak.
342091.	2358.	Afyon.
342092.	2359.	Afyon.
342093.	2360.	Afyon.
342094.	2361.	Afyon.
342095.	2362.	Usak.
342096.	2363.	Usak.
342097.	2364.	Afyon.
342098.	2365.	Afyon.
342099.	2366.	Afyon.
342100.	2367.	Usak.
342101.	2368.	Usak.
342102.	2369.	Usak.
342103.	2370.	Usak.
342104.	2371.	Usak.
342105.	2372.	Usak.
342106.	2373.	Afyon.
342107.	2374.	Afyon.
342108.	2375.	Afyon.
342109.	2376.	Afyon.
342110.	2377.	Afyon.
342111.	2378.	Afyon.
342112.	2379.	Afyon.
342113.	2380.	Afyon.
342114.	2381.	Afyon.
342115.	2382.	Afyon.
342116.	2383.	Afyon.
342117.	2384.	Usak.
342118.	2385.	Afyon.
342119.	2386.	Usak.
342120.	2387.	Afyon.
342121.	2388.	Afyon.
342122.	2389.	Usak.
342123.	2390.	Afyon.
342124.	2391.	Afyon.
342125.	2392.	Afyon.
342126.	2393.	Afyon.
342127.	2394.	Usak.
342128.	2396.	Usak.
342129.	2397.	Usak.
342130.	2398.	Afyon.
342131.	2399.	Afyon.

342014 to 342429—Continued

342132.	2400.	Afyon.
342133.	2401.	Usak.
342134.	2402.	Afyon.
342135.	2403.	Afyon.
342136.	2404.	Afyon.
342137.	2405.	Afyon.
342138.	2406.	Afyon.
342139.	2407.	Usak.
342140.	2408.	Afyon.
342141.	2409.	Afyon.
342142.	2410.	Afyon.
342143.	2411.	Afyon.
342144.	2412.	Afyon.
342145.	2413.	Afyon.
342146.	2414.	Afyon.
342147.	2416.	Afyon.
342148.	2417.	Afyon.
342149.	2418.	Usak.
342150.	2419.	Usak.
342151.	2420.	Afyon.
342152.	2421.	Usak.
342153.	2422.	Usak.
342154.	2423.	Usak.
342155.	2424.	Afyon.
342156.	2425.	Usak.
342157.	2426.	Afyon.
342158.	2427.	Afyon.
342159.	2428.	Afyon.
342160.	2429.	Afyon.
342161.	2430.	Afyon.
342162.	2431.	Afyon.
342163.	2432.	Afyon.
342164.	2435.	Usak.
342165.	2436.	Kutahya.
342166.	2437.	Usak.
342167.	2438.	Kutahya.
342168.	2439.	Usak.
342169.	2440.	Kutahya.
342170.	2441.	Kutahya.
342171.	2442.	Usak.
342172.	2443.	Kutahya.
342173.	2444.	Kutahya.
342174.	2445.	Kutahya.
342175.	2446.	Usak.
342176.	2447.	Kutahya.
342177.	2448.	Kutahya.
342178.	2449.	Kutahya.
342179.	2450.	Kutahya.
342180.	2451.	Kutahya.
342181.	2452.	Kutahya.
342182.	2453.	Kutahya.
342183.	2454.	Usak.
342184.	2455.	Kutahya.
342185.	2456.	Usak.
342186.	2457.	Afyon.
342187.	2458.	Afyon.
342188.	2459.	Usak.
342189.	2460.	Afyon.
342190.	2461.	Afyon.
342191.	2462.	Afyon.
342192.	2463.	Afyon.
342193.	2464.	Afyon.
342194.	2465.	Afyon.
342195.	2467.	Afyon.
342196.	2468.	Usak.
342197.	2469.	Usak.
342198.	2470.	Usak.
342199.	2471.	Usak.
342200.	2472.	Usak.
342201.	2473.	Afyon.
342202.	2474.	Afyon.
342203.	2475.	Afyon.
342204.	2476.	Kutahya.
342205.	2477.	Kutahya.
342206.	2478.	Kutahya.
342207.	2479.	Kutahya.
342208.	2480.	Kutahya.
342209.	2481.	Kutahya.
342210.	2482.	Kutahya.
342211.	2483.	Kutahya.
342212.	2484.	Kutahya.
342213.	2485.	Kutahya.
342214.	2486.	Kutahya.
342215.	2488.	Kutahya.
342216.	2489.	Kutahya.
342217.	2490.	Kutahya.

342014 to 342429—Continued

342218.	2491.	Eskisehir.
342219.	2493.	Kutahya.
342220.	2494.	Kutahya.
342221.	2495.	Kutahya.
342222.	2496.	Kutahya.
342223.	2497.	Kutahya.
342224.	2498.	Kutahya.
342225.	2499.	Kutahya.
342226.	2500.	Kutahya.
342227.	2501.	Kutahya.
342228.	2502.	Kutahya.
342229.	2503.	Kutahya.
342230.	2504.	Kutahya.
342231.	2505.	Kutahya.
342232.	2506.	Kutahya.
342233.	2507.	Kutahya.
342234.	2508.	Kutahya.
342235.	2509.	Kutahya.
342236.	2510.	Kutahya.
342237.	2511.	Kutahya.
342238.	2512.	Kutahya.
342239.	2513.	Kutahya.
342240.	2514.	Kutahya.
342241.	2515.	Kutahya.
342242.	2516.	Kutahya.
342243.	2517.	Kutahya.
342244.	2518.	Kutahya.
342245.	2519.	Kutahya.
342246.	2520.	Kutahya.
342247.	2521.	Kutahya.
342248.	2522.	Kutahya.
342249.	2523.	Kutahya.
342250.	2525.	Kutahya.
342251.	2526.	Kutahya.
342252.	2527.	Kutahya.
342253.	2528.	Kutahya.
342254.	2529.	Kutahya.
342255.	2530.	Kutahya.
342256.	2531.	Kutahya.
342257.	2532.	Kutahya.
342258.	2533.	Kutahya.
342259.	2534.	Kutahya.
342260.	2535.	Kutahya.
342261.	2536.	Kutahya.
342262.	2537.	Kutahya.
342263.	2538.	Kutahya.
342264.	2540.	Kutahya.
342265.	2541.	Usak.
342266.	2542.	Usak.
342267.	2543.	Usak.
342268.	2544.	Usak.
342269.	2545.	Kutahya.
342270.	2546.	Kutahya.
342271.	2547.	Usak.
342272.	2548.	Kutahya.
342273.	2549.	Kutahya.
342274.	2550.	Kutahya.
342275.	2551.	Kutahya.
342276.	2552.	Kutahya.
342277.	2554.	Kutahya.
342278.	2555.	Kutahya.
342279.	2556.	Kutahya.
342280.	2557.	Kutahya.
342281.	2558.	Usak.
342282.	2559.	Kutahya.
342283.	2560.	Kutahya.
342284.	2561.	Kutahya.
342285.	2562.	Kutahya.
342286.	2563.	Kutahya.
342287.	2564.	Kutahya.
342288.	2565.	Kutahya.
342289.	2566.	Kutahya.
342290.	2567.	Kutahya.
342291.	2568.	Kutahya.
342292.	2569.	Kutahya.
342293.	2570.	Kutahya.
342294.	2571.	Kutahya.
342295.	2572.	Kutahya.
342296.	2573.	Kutahya.
342297.	2574.	Kutahya.
342298.	2575.	Kutahya.
342299.	2576.	Kutahya.
342300.	2577.	Bilecik.
342301.	2578.	Usak.

342014 to 342429—Continued

342302.	2579.	Bilecik.
342303.	2580.	Bilecik.
342304.	2581.	Bilecik.
342305.	2582.	Bilecik.
342306.	2583.	Bilecik.
342307.	2584.	Usak.
342308.	2585.	Bilecik.
342309.	2586.	Usak.
342310.	2587.	Kutahya.
342311.	2588.	Usak.
342312.	2589.	Kutahya.
342313.	2590.	Kutahya.
342314.	2591.	Kutahya.
342315.	2592.	Kutahya.
342316.	2593.	Kutahya.
342317.	2594.	Kutahya.
342318.	2595.	Usak.
342319.	2596.	Kutahya.
342320.	2597.	Kutahya.
342321.	2598.	Kutahya.
342322.	2599.	Kutahya.
342323.	2600.	Kutahya.
342324.	2601.	Kutahya.
342325.	2602.	Kutahya.
342326.	2603.	Kutahya.
342327.	2604.	Kutahya.
342328.	2605.	Kutahya.
342329.	2606.	Kutahya.
342330.	2607.	Kutahya.
342331.	2608.	Kutahya.
342332.	2610.	Kutahya.
342333.	2611.	Kutahya.
342334.	2612.	Kutahya.
342335.	2613.	Kutahya.
342336.	2614.	Kutahya.
342337.	2615.	Kutahya.
342338.	2616.	Kutahya.
342339.	2617.	Kutahya.
342340.	2618.	Kutahya.
342341.	2619.	Kutahya.
342342.	2620.	Kutahya.
342343.	2623.	Bilecik.
342344.	2624.	Bilecik.
342345.	2625.	Bilecik.
342346.	2626.	Bilecik.
342347.	2627.	Bilecik.
342348.	2628.	Bilecik.
342349.	2629.	Bilecik.
342350.	2630.	Bilecik.
342351.	2631.	Bilecik.
342352.	2632.	Bilecik.
342353.	2633.	Bilecik.
342354.	2634.	Bilecik.
342355.	2635.	Bilecik.
342356.	2636.	Bilecik.
342357.	2637.	Eskisehir.
342358.	2638.	Bilecik.
342359.	2640.	Bilecik.
342360.	2641.	Bilecik.
342361.	2642.	Bilecik.
342362.	2644.	Bilecik.
342363.	2645.	Bilecik.
342364.	2646.	Bilecik.
342365.	2647.	Bilecik.
342366.	2648.	Bilecik.
342367.	2650.	Bilecik.
342368.	2651.	Bilecik.
342369.	2652.	Bilecik.
342370.	2653.	Bilecik.
342371.	2654.	Bilecik.
342372.	2655.	Bilecik.
342373.	2656.	Bilecik.
342374.	2657.	Bilecik.
342375.	2658.	Bilecik.
342376.	2659.	Bilecik.
342377.	2660.	Bilecik.
342378.	2661.	Bilecik.
342379.	2662.	Bilecik.
342380.	2663.	Bilecik.
342381.	2664.	Bilecik.
342382.	2666.	Usak.
342383.	2667.	Bilecik.
342384.	2668.	Bilecik.
342385.	2669.	Bilecik.

342014 to 342429—Continued

342386.	2670.	Bilecik.	342408.	2693.	Eskisehir.
342387.	2671.	Bilecik.	342409.	2694.	Eskisehir.
342388.	2672.	Bilecik.	342410.	2696.	Eskisehir.
342389.	2673.	Bilecik.	342411.	2697.	Eskisehir.
342390.	2674.	Bilecik.	342412.	2698.	Eskisehir.
342391.	2675.	Bilecik.	342413.	2699.	Eskisehir.
342392.	2676.	Bilecik.	342414.	2700.	Eskisehir.
342393.	2677.	Bilecik.	342415.	2701.	Eskisehir.
342394.	2678.	Bilecik.	342416.	2702.	Eskisehir.
342395.	2680.	Bilecik.	342417.	2703.	Eskisehir.
342396.	2681.	Bilecik.	342418.	2704.	Eskisehir.
342397.	2682.	Bilecik.	342419.	2705.	Eskisehir.
342398.	2683.	Bilecik.	342420.	2706.	Eskisehir.
342399.	2684.	Bilecik.	342421.	2707.	Eskisehir.
342400.	2685.	Bilecik.	342422.	2708.	Eskisehir.
342401.	2686.	Bilecik.	342423.	2709.	Eskisehir.
342402.	2687.	Eskisehir.	342424.	2710.	Eskisehir.
342403.	2688.	Eskisehir.	342425.	2712.	Eskisehir.
342404.	2689.	Eskisehir.	342426.	2713.	Eskisehir.
342405.	2690.	Eskisehir.	342427.	2715.	Eskisehir.
342406.	2691.	Eskisehir.	342428.	2716.	Eskisehir.
342407.	2692.	Eskisehir.	342429.	2717.	Eskisehir.

342430. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From England. Scions presented by the National Fruit Trials, Faversham, Kent. Received April 18, 1969.

'Melon'.

342431. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

From Taiwan. Seed presented by Joint Commission on Rural Reconstruction, Taipei, through Taiwan Agricultural Research Institute. Received April 22, 1969.

0012. Okinawa soybean.

342432. GLYCINE TABACINA Benth. Leguminosae.

From Australia. Seed presented by U. S. Regional Soybean Laboratory, Urbana, Illinois. Received April 22, 1969.

0099. Collected in open *Eucalyptus* forest on edge of rain forest in Queensland.

342433. GLYCINE TOMENTELLA Hayata Leguminosae.

From Ethiopia. Seed presented by U. S. Regional Soybean Laboratory, Urbana, Ill. Received April 22, 1969.

0097. Harar Province.

342434. GLYCINE USSURIENSIS Regel & Maack. Leguminosae.

From Japan. Seed presented by Breeding Laboratory of Forage Crops, Tohoku National Agricultural Experiment Station, Morioka. Received April 22, 1969.

0013. 'Tsurumame'.

342435 to 342438. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

From Mississippi. Seed grown by E. E. Hartwig, Delta Branch Experiment Station, Stoneville. Originally from Kyoto, Japan. Received April 22, 1969.

342435. **'Early Akita yellow'.**

342436. **'Early Green'.**

342437. **'Early Hakucho'.**

342438. **'Tsurunoko'.**

342439 to 342558. LACTUCA SATIVA L. Compositae. **Lettuce.**

From the Netherlands. Seed presented by the Institute for Horticultural Plant Breeding, Wageningen. Received April 22, 1969.

White Seed.

342439. 66042. **Pirat.**

342440. 66043. **Ramses.**

342441. 67023. **Agilo.**

342442. 67027. **Grovitas.**

342443. 67028. **Interrex.**

342444. 67034. **Trinto.**

342445. 67040. **Regina.**

342446. 67041. **Plenos.**

342447. 67043. **Avondefiance.**

342448. 67045. **Grosse brune tetue.**

342449. 67461. **Kolos.**

342450. 67462. **Magiola.**

342451. 67467. **Delta.**

342452. 67468. **Profos.**

342453. 67475. **Liba.**

342454. 67541. **F_1 Neptune.**

342455. 68001. **Progo (No. 39).**

342456. 68002. **Atlas.**

342457. 68005. **Amplus '63'.**

342458. 68008. **Iveto.**

342459. 68009. **Akcel.**

342460. 68010. **Caesaro (sel. uit IVT 39).**

342461. 68012. **Fivito. (sel. uit IVT 69).**

342462. 68014. **Hivera-winter.**

342463. 68015. **Saltura (v/h Kosura).**

342464. 68019. **Bonus.**

342465. 68024. **Silva.**

342466. 68027. **Luniek.**

342467. 68028. **No. 1049.**

342468. 68029. **Kloek.**

342469. 68036. **Attraktion virusfrei.**

342470. 68037. **Bohemia.**

342439 to 342558—Continued

342471. 68045. Sommerrekord.
342472. 68046. Geduld (Helvetia).
342473. 68062. Attrazione.
342474. 68072. Piccola a foglie liscie.
342475. 68073. Bruna di Germania.
342476. 68074. Cavolo di Napoli.
342477. 68076. Gigante australiana bionda.
342478. 68079. Testa di cristallo.
342479. 68081. Verde d'inverno.
342480. 68082. Irene.
342481. 68083. Jet.
342482. 68084. Urania.
342483. 68085. Kampioen.
342484. 68093. Neckarriesen.
342485. 68095. AWu.
342486. 68096. Princeps Treib.
342487. 68102. Passion Blanche a graine.
342488. 68104. Passion verte d'hiver de Chateaurenard.
342489. 68105. d'hiver de Tremont.
342490. 68107. Reine de Mai de pleine terre (de Liege).
342491. 68109. Sucrine.
342492. 68110. Batavia: doree de Printemps.
342493. 68118. Brune d'hiver.
342494. 68119. Merveille d'hiver.
342495. 68123. du Bon Jardinier.
342496. 68125. Patience.
342497. 68126. Reine de Mai.
342498. 68127. Gloire de Nantes.
342499. 68129. Peson.
342500. 68135. Premice.
342501. 68167. Attraction (race Suzan).
342502. 68168. Batavia: blonde a bord rouge.
342503. 68169. Batavia: blonde de Paris.
342504. 68180. Gloire de Nantes.
342505. 68183. Gotte jaune d'or.
342506. 68185. Gotte de Loos.
342507. 68190. Lorthois.
342508. 68193. Merveille d'hiver.
342509. 68197. Passion blonde a gr. bl.
342510. 68198. Passion verte d'hiver de Chateaurenard.
342511. 68199. Patience.
342512. 68202. Reine de Mai.

342439 to 342558—Continued

342513. 68264. Hilde.

342514. 661039. Gigante de Tucuman.

Black Seed.

342515. 66070. Resistent.

342516. 67004. Groso.

342517. 67024. Ancora.

342518. 67026. Doppio.

342519. 67031. Pleno.

342520. 67052. W.v. Voorburg.

342521. 67085. Native.

342522. 67474. Resistent.

342523. 67806. F_1 Native.

342524. 67886. Native.

342525. 68011. Egivo (sel. uit IVT 57).

342526. 68013. Hivera-herfst.

342527. 68018. Gruner Eis-Schnitt.

342528. 68022. Proeftuins Blackpool.

342529. 68025. Tonika.

342530. 68026. Secura.

342531. 68031. Kordaat.

342532. 68032. Korrekt.

342533. 68033. Kwadraat.

342534. 68034. Kwiek.

342535. 68038. Cazard.

342536. 68039. Hochsommer.

342537. 68040. Kagraner Sommer.

342538. 68043. Percheronne.

342539. 68063. La Resistente.

342540. 68070. Trocadero La Preferita.

342541. 68071. Pallone o Bougival.

342542. 68078. Resistente o Estate di Kagran.

342543. 68094. Unico.

342544. 68103. Passion Blanche a graine noire.

342545. 68106. Brune Percheronne.

342546. 68111. A couper a feuille de chene blonde a gr.n.

342547. 68112. Blonde du Cazard.

342548. 68120. Merveille des quatre saisons (Besson).

342549. 68122. Frisee de Beauregard (Reine des Glaces a gr.n.).

342550. 68124. Lilloise (sans rivale a graine noire).

342551. 68128. Tetue de Nimes (Cadiere).

342552. 68179. Galiega d'hiver.

342553. 68184. Gotte lente a monter.

342439 to 342558—Continued

342554. 68189. Lilloise.

342555. 68191. Madrilene.

342556. 68192. Merveille des quatre saisons.

342557. 68196. Passion blanche a gr.n.

342558. 68201. Blonde de Prieure.

342559 and 342560.

From England. Scions presented by the Royal Botanic Gardens, Richmond, Surrey. Received April 22, 1969.

342559. CORYLUS AVELLANA f. HETEROPHYLLA (Loud.) Rehd. Betulaceae.

342560. CORYLUS HETEROPHYLLA Fischer ex Traut.

342561. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From Argentina. Seed presented by Manuel Gutierrez, Estacion Experimental Agropecuria, Presidencia Rogue Saenz Pena, Chaco. Received April 23, 1969.

'Crespo'.

342562. BAUHINIA sp. Leguminosae.

From Italy. Seed collected by A. J. Oakes, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received April 23, 1969.

Street tree. Pod flat 8 to 10 cm. by 1 cm., septate. Seed small, flat, brown. Rome, November 1968.

342563 to 342574.

From Australia. Seed presented by Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Received April 23, 1969.

342563. ATRIPLEX HALIMUS L. Chenopodiaceae. **Mediterranean saltbush.**

N 806.

342564. ATRIPLEX INFLATA F. Muell.

N 791.

342565. ATRIPLEX LEPTOCARPA F. Muell.

N 794.

342566. ATRIPLEX NUMMULARIA Lindl.

N 790.

342567. ATRIPLEX PSEUDOCAMPANULATA Aellen ex Blom

N 793.

342568. ATRIPLEX QUINNII F. v. M.

C 815.

342569 to 342572. ATRIPLEX SEMIBACCATA R. Br. **Australian saltbush.**

342569. N 673. Erect.

342570. N 674a. Creeping.

342571. N 676.

342572. N 678. Creeping.

342573 and 342574. ATRIPLEX VESICARIA Heward

342573. N 530.

342574. N 789.

342575. PASPALUM WETTSTEINII Hack. Gramineae.

From Australia. Seed presented by Department of Agriculture, Grofton. Received April 23, 1969.

C.P.I. 11860 (P. 7207).

342576. BROMUS JAPONICUS Thunb. Gramineae.

Japanese bromegrass.

From Tunisia. Seed collected by S. H. Fuchs, Agency for International Development, Tunis. Seed held by Soil Conservation Service, National Plant Materials Center, Beltsville, Maryland. Received April 23, 1969.

BN 15871.

342577. PHELUM PRATENSE L. Gramineae. **Common timothy.**

From the Netherlands. Seed presented by Netherlands Reclamation Society, Arnhem, through Agricultural Counselor, Royal Netherlands Embassy, Washington, D. C. Received April 23, 1969.

'Heidemij I'.

342578 to 342602. SACCHARUM SPONTANEUM L. Gramineae.

From Taiwan. Cuttings presented by the Taiwan Sugar Experiment Station, Taiwan. Received April 24, 1969.

Environment classes.

342578. 2.
342579. 5.
342580. 16.
342581. 41.
342582. 49.
342583. 62.
342584. 68.
342585. 91.
342586. 12.
342587. 138.

High elevation representatives.

342588. 4.
342589. 64.
342590. 34.
342591. 56.

Flowering time representatives.

342592. 100.
342593. 109.
342594. 15.
342595. 72.
342596. 60.
342597. 139.
342598. 71.
342599. 120.

Plant height representatives.

342600. 35.
342601. 24.
342602. 39.

342603 to 342613. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From the Netherlands. Seed presented by A. C. Zeven, Institute of Plant Breeding, Wageningen. Received April 24, 1969.

Winter type.

342603. 'Carma'. 'Heines Kolben' × 'Carsten's Dickkopf V'.
342604. 'Elisabeck'. 'Breeder Dings', derivative of Ris.
342605. 'Emma'. 'Essex Gladkaf' × 'Wilhelmina'.
342606. 'Essex Fluweelkaf'. Resembles English variety 'Essex Rough-chaff'.

342603 to 342613—Continued

342607. 'Gelderse Uitzoeking No. 48'. Selection from local variety from province Gelderland.

342608. 'Krafft's Siegerlander'. Selected by Krafft from the local variety 'Siegerlander' from Siegerland, Germany.

342609. 'Limburgse Kleine Rode No. 1'. Selection from local variety 'Limburgse kleine rode', from the province Limburg.

342610. 'Millioen IV'. Institute of Plant Breeding, Wageningen, probably a selection from 'Millioen III' (Willem I' × 'Wilhelmina').

342611. 'Muri Landweizen'. Local wheat from North-Switzerland.

342612. 'Vada'. 'Millioen III' × 'Iduna'.

342613. 'Willem I'. Probably 'Hallet's Victoria' × 'Witte Dikkop'.

342614 to 342617.

From Japan. Seed presented by Eishiro Shikata, Botanical Institute, Hokkaido University, Sapporo. Received April 24, 1969.

342614 and 342615. HORDEUM VULGARE L. Gramineae. **Common barley.**

342614. Hokuto-Hadaka.

342615. Shunsei.

342616 and 342617. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

342616. Haru-Hikari.

342617. Norin No. 29.

342618 to 342623.

From Union of Soviet Socialist Republics. Seed obtained from Institute of Plant Industry, Leningrad through A. H. Bunting, University of Reading, Reading, England. Received April 24, 1969.

342618 to 342622. GLYCINE USSURIENSIS Regel & Maack. Leguminosae.

342618. No. 1. Vladivostok Botanical Garden.

324619. No. 3. Collection from Zolotnizky, soybean breeder, Primorsky Province.

342620. No. 20. Southeast of Vladivostok Experiment Station, Primorsky Province. Leaves elongate, flowers small, blue; pod narrow, brown, hairy.

342621. No. 21. Field of Amur Experiment Station, Amur region. Leaves elongate and lanceolate.

341622. No. 29. Primorsky Province. Leaves narrow.

342623. (Undetermined.)

Plant 1.5–2.0 m. high, twining; leaves oval; flower large, blue; pod short.

342624 to 342631. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From Iran. Seed presented by H. Kaveh, Wheat and Barley Improvement Project in Iran, through Food and Agricultural Organization Near East Regional Office, Cairo, United Arab Republic. Received April 24, 1969.

342624. 30022.
342625. 30030.
342626. 30105.
342627. 30213.
342628. 30303.
342629. 30410.
342630. 30727.
342631. 30803.

342632. LATHYRUS SATIVUS L. Leguminosae. **Grass peavine.**

From Idaho. Seed presented by Stanley Rosenau, Genesee. Received April 24, 1969.

Plants 30 to 46 cm. high, not climbing; stems fine, leaves slender, flower white; pods along stem, 3 to 4 seed per pod. Culinary value.

342633. VERNONIA ANTHELMINTICA (L.) Willd. Compositae.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received April 24, 1969.

'Kali Ziri'. Collected Kaknawa, Dehra Dun. Tall, robust annual, flowers pink. Planted around cultivated fields near villages; wild in moist places.

342634. CYNODON PLECTOSTACHYUS (K. Schum.) Pilg. Gramineae. **Stargrass.**

From Costa Rica. Cuttings presented by the Zootechnic Department Instituto Interamericano de Ciencias Agricolas, Turrialba. Received April 28, 1969.

342635 to 342637. EUCHLAENA MEXICANA Schrad. Gramineae. **Teosinte.**

From Guatemala. Seed collected by D. S. Robertson, Department of Genetics, Iowa State University, Ames, Iowa, at Service Cooperativo Interamericano de Agriculture, La Aurora. Seed originally from San Antonio Huista, Huehuetenango. Received April 29, 1969.

342635. IAN–48.

342636. IAN–56.

342637. IAN–66.

342638 and 342639. ORYZA SATIVA L. Gramineae. **Rice.**

From Japan. Seed presented by E. Shikata, Botanical Institute, Faculty of Agriculture, Hokkaido University, Sapporo. Numbered April 29, 1969.

342638. 'Sakae-Mochi'.

342639. 'Yuki-Mochi'.

342640 to 342649. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Lebanon. Seed received through Food and Agriculture Organization of the United Nations, Near East Regional Office, Cairo, United Arab Republic. Numbered April 30, 1969.

Soft wheat.

342640. 'Ciano'.

342641. 'Florence Aurore'. (local).

342642. 'Lerma Rojo 64A'.

342643. 'MexiPak 65'.

342644. 'Pitic 62'.

Hard wheat

342645. 'Haurani 27'. (local).

342646. 'Senator Cappelli'.

342647. 451–2.

342648. F 4–9.

342649. 889–6.

342650 to 342655. ORYZA SATIVA L. Gramineae. **Rice.**

From Dominican Republic. Seed presented by T. N. Bell, Texas A. & M. University Contract, Agency for International Development, Santo Domingo. Numbered April 30, 1969.

342650. 'Flown'.

342651. 'Gigante 8'.

342650 to 342655—Continued

342652. 'Higueyano 1'.

342653. 'Ingles Largo–528'.

342654. 'Ingles Largo–580'.

342655. 'PH 4–11'.

342656. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

From South Africa. Seed presented by the Division of Seed Control, Pretoria. Numbered May 1, 1969.

'Bombust'.

342657. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From West Indies. Seeds presented by the Barbados Sugar Producers Association, Barbados. Numbered May 1, 1969.

342658 to 342667. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From West Pakistan. Seed presented by the Government of West Pakistan, Inter-College Chow, Satellite Town, Rawalpindi. Numbered May 1, 1969.

342658. 'NR' Nambiquarae.

342659. No. 45.

342660. S. 1. If erect this variety is B4; if spreading it is variety No. 334.

P 1 to P 7 are selfed seed progenies from natural hybrid plants between parents "No. 45" and "NR".

342661. P 1–No. 45 × NR.

342662. P 2–No. 45 × NR.

342663. P 3–No. 45 × NR.

342664. P 4–No. 45 × NR.

342665. P 5–No. 45 × NR.

342666. P 6–No. 45 × NR.

342667. P 7–No. 45 × NR.

342668 to 342671. VITIS VINIFERA L. Vitaceae. **European grape.**

From Italy. Cuttings presented by the Istituto Sperimentale Viticoltura, Conegliano. Numbered May 5, 1969.

342668. 'Brachetto'.

342669. 'Colorino'.

342670. 'Panse Precoce'.

342671. 'Sangiovese'.

342672 to 342675. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From China. Tubers presented by the Chiayi Agriculture Experiment Station, Chiayi, Taiwan. Numbered May 5, 1969.

342672. C 52–1 ('Centennial OP').

342673. C 52–110 ('Tainung No. 57' × 'Centennial').

342674. C 52–137 ('Tainung No. 27' × 'Centennial').

342675. C 53–11 ('Centennial' × 'Tainung No. 44').

342676. RUBUS SHANKII Standl. & L. O. Williams Rosaceae.

From Honduras. Seed collected by Antonio Molina, Escuela Agricola Panamericana, Tegucigalpa. Numbered May 1969.

Uyuca Mountain, April 1969.

342677 to 342903.

From Canada. Seed presented in 1965 by G. A. Stevenson, Department of Agriculture Experiment Farm, Brandon, Manitoba to Nebraska Agricultural Experiment Station. Remnant of original samples received 1968 by Regional Plant Introduction Station, Ames, Iowa. Numbered May 9, 1969.

342677 to 342716. MELILOTUS ALBA Desr. Leguminosae. **White sweetclover.** Biennial, white flowers, unless otherwise indicated.

342677. A–734. Bdn. 448. Originally from Finland. Stems 5 to 8 dm. tall.

342678. A–735. Bdn. 449. Originally from Italy. Stems 5 to 9 dm. tall.

342679. A–736. Bdn. 450. Originally from France. Stems 7 to 10 dm. tall.

342680. A–737. Bdn. 451. Originally from England. Stems 6 to 10 dm. tall.

342681. A–738. Bdn. 452. Originally from Scotland. Stems 5 to 7 dm. tall.

342682. A–739. Bdn. 441. Originally from Oslo, Sweden. Stems 5 to 13 dm. tall.

342683. A–740. Bdn. 442. Originally from Stockholm, Sweden. Stems 7 to 12 dm. tall.

342684. A–741. Bdn. 444. Originally from Germany. Stems 6 to 9 dm. tall.

342685. A–742. Bdn. 446. Originally from Germany. Stems 6 to 8 dm. tall.

342686. A–743. Bdn. 447. Originally from France. Stems 6 to 10 dm. tall.

342687. A–744. Bdn. 453. Originally from England. Stems 9 to 11 dm. tall.

342688. A–745. Bdn. 455. Originally from Germany. Stems 6 to 8 dm. tall.

341689. A–746. Bdn. 456. Originally from Norway. Plants medium uniformity; medium erect.

342690. A–747. Bdn. 457. Originally from Portugal. Annual, white flowers, stems 11 to 14 dm. tall.

342691. A–748. Bdn. 458. Originally from Italy. Plants medium uniformity and vigor.

342692. A–749. Bdn. 459. Originally from France. Plants uniform and vigorous.

342693. A–750. Bdn. 460. Originally from Portugal. Annual, white flowers, stems 10 to 15 dm. tall.

342694. A–751. Bdn. 463. Originally from England. Plants medium to good vigor.

342695. A–752. Bdn. 550. Originally from Belgium. Plants with good vigor and uniformity.

342696. A–735. Bdn. 620. Plants with good vigor and uniformity.

342697. A–754. Bdn. 622. Originally from Germany. Plants with medium vigor and uniformity.

342698. A–755. Bdn. 623. Originally from Germany. Plants vigorous and uniform.

342677 to 342903—Continued

342677 to 342716—Continued

342699. A–756. Bdn. 626. Originally from France. Plants vigorous and uniform.

342700. A–757. Bdn. 627. Originally from Germany. Plants uniform with medium vigor.

342701. A–758. Bdn. 628. Originally from Germany. Plants poor uniformity but vigorous.

342702. A–759. Bdn. 631. Originally from Australia. Annual, white flowers, stems 14 dm. tall, good vigor.

342703. A–760. Bdn. 633. Originally from Australia. Annual, white flowers, stems 11 to 15 dm. tall, good vigor.

342704. A–761. Bdn. 634. Originally from Denmark. Plants medium-uniformity and vigor.

342705. A–762. Bdn. 646. Originally from Switzerland. Plants with medium uniformity and good vigor.

342706. A–763. Bdn. 648. Originally from Switzerland. Plants medium, good vigor and uniformity.

342707. A–764. Bdn. 647. Originally from England. Plants with good vigor and uniformity.

342708. A–765. Bdn. 650. Originally from Switzerland. Plants with good vigor and uniformity.

342709. A–766. Bdn. 651. Originally from Switzerland. Plants with good vigor and uniformity.

342710. A–767. Bdn. 653. Originally from Switzerland. Plants vary as to vigor; medium poor uniformity.

342711. A–768. Bdn. 655. Originally from Switzerland. Plants with good vigor and uniformity.

342712. A–769. Bdn. 656. Originally from Switzerland. Plants good to medium vigor and medium uniformity.

342713. A–770. Bdn. 657. Originally from Switzerland. Annual, white flowers, stems 10 dm. tall.

342714. A–771. Bdn. 659. Originally from Portugal. Annual, white flowers, stems 15 dm. tall.

342715. A–772. Bdn. 660. Originally from Sweden. Annual, white flowers, stems 15 dm. tall.

342716. A–773. Bdn. 661. Originally from France. Annual, white flowers, stem 15 dm. tall, plants uniform.

342717. MELILOTUS OFFICINALIS (L.) Desr. **Yellow sweetclover.**

A–774. Bdn. 662. Originally from Portugal. Annual, yellow flowers, stems 11 dm. tall, plants uniform.

342718 and 342719. MELILOTUS ALBA Desr. **White sweetclover.**

342718. A–775. Bdn. 663. Originally from England. Annual white flowers, stems 9 dm. tall.

342719. A–776. Bdn. 664. Originally from Germany. Stems 14 dm. tall, plants with good vigor.

342720. MELILOTUS OFFICINALIS (L.) Desr. **Yellow sweetclover.**

A–777. Bdn. 665. Originally from England. Annual, yellow flowers, stems 1 m. tall, plants with good vigor and uniformity.

342721 to 342796. MELILOTUS ALBA Desr. **White sweetclover.**

342721. A–778. Bdn. 667. Originally from Belgium. Stems 16 dm. tall, plants with good uniformity and vigor.

342677 to 342903—Continued

342721 to 342796—Continued

342722. A–779. Bdn. 668. Originally from Germany. Annual, white flowers, stems 1 m. tall, plants with good uniformity.

342723. A–780. Bdn. 669. Originally from Germany. Annual, white flowers, stems 17 dm. tall, plant vigorous and uniform.

342724. A–781. Bdn. 670. Originally from Poland. Stems 18 dm. tall, plant good vigor and medium uniformity.

342725. A–782. Bdn. 671. Originally from Belgium. Annual, white flowers, stem 17 dm. tall, plant with good vigor and uniformity.

342726. A–783. Bdn. 672. Originally from Germany. Plant with many stems.

342727. A–784. Bdn. 673. Originally from France. Annual, white flowers, stem 14 dm. tall, plant medium uniformity.

342728. A–785. Bdn. 730. Originally from Belgium. Plant medium poor vigor with few stems.

342729. A–786. Bdn. 733. Originally from Portugal.

342730. A–787. Bdn. 734. Originally from Czechoslovakia.

342731. A–788. Bdn. 735. Originally from Lugduro Botanical Garden.

342732. A–789. Bdn. 736. Originally from Germany.

342733. A–790. Bdn. 738. Originally from Germany.

342734. A–791. Bdn. 740. Originally from France.

342735. A–792. Bdn. 743. Originally from England.

342736. A–793. Bdn. 744. Originally from Switzerland.

342737. A–794. Bdn. 745. Originally from France.

342738. A–795. Bdn. 747. Originally from Poland.

342739. A–796. Bdn. 781. Originally from England.

342740. A–797. Bdn. 782. Originally from Poland.

342741. A–798. Bdn. 785. Originally from Germany.

342742. A–799. Bdn. 789. Originally from Holland.

342743. A–800. Bdn. 791. Originally from England.

342744. A–801. Bdn. 792. Originally from Portugal.

342745. A–802. Bdn. 810. Originally from Italy.

342746. A–803. Bdn. 928. Originally from Leningrad, Russia.

342747. A–804. Bdn. 929. Originally from Germany.

342748. A–805. Bdn. 932. Originally from Czechoslovakia.

342749. A–806. Bdn. 936. Originally from Czechoslovakia.

342750. A–807. Bdn. 941. Originally from Poland.

342751. A–808. Bdn. 945. Originally from Poland.

342752. A–809. Bdn. 946. Originally from Poland.

342753. A–810. Bdn. 951. Originally from Argentina.

342754. A–811. Bdn. 952. Originally from Israel.

342755. A–812. Bdn. 1918. Originally from Czechoslovakia.

342756. A–813. Bdn. 1919. Originally from France.

342757. A–814. Bdn. 1920. Originally from Hungary.

342758. A–815. Bdn. 1921. Originally from Austria.

342677 to 342903—Continued

342721 to 342796—Continued

342759. A–816. Bdn. 1922. Originally from Russia.
342760. A–817. Bdn. 1923. Originally from Russia.
342761. A–818. Bdn. 1924. Originally from Denmark.
342762. A–819. Bdn. 1925. Originally from Belgium.
342763. A–820. Bdn. 1926. Originally from Germany.
342764. A–821. Bdn. 1928. Originally from Germany.
342765. A–822. Bdn. 1929. Originally from France.
342766. A–823. Bdn. 1930. Originally from Russia.
342767. A–824. Bdn. 1932. Originally from France.
342768. A–825. Bdn. 1933. Originally from Germany.
342769. A–826. Bdn. 1934. Originally from Israel.
342770. A–827. Bdn. 1935. Originally from Lugduno Botanical Garden.
342771. A–828. Bdn. 1936. Originally from the University of Genoa, Italy.
342772. A–829. Bdn. 1937. Originally from Russia.
342773. A–830. Bdn. 58–90. Originally from Poland.
342774. A–831. Bdn. 58–108. Originally from Germany.
342775. A–832. Bdn. 58–109. Originally from Germany.
342776. A–833. Bdn. 58–114. Originally from Portugal.
342777. A–834. Bdn. 58–127. Originally from Russia.
342778. A–835. Bdn. 58–128. Originally from Russia.
342779. A–836. Bdn. 58–129. Originally from Russia.
342780. A–837. Bdn. 58–130. Originally from Poland.
342781. A–838. Bdn. 58–131. Originally from Poland.
342782. A–839. Bdn. 58–132. Originally from Russia.
342783. A–840. Bdn. 58–133. Originally from Poland.
342784. A–841. Bdn. 58–134. Originally from Latvia.
342785. A–842. Bdn. 60–85. Originally from Bulgaria.
342786. A–843. Bdn. 60–89. Originally from Hungary.
342787. A–844. Bdn. 60–93. Originally from Russia.
342788. A–845. Bdn. 60–96. Originally from Germany.
342789. A–846. Bdn. 61–9. Originally from Switzerland.
342790. A–847. Bdn. 61–13. Originally from Czechoslovakia.
342791. A–848. Bdn. 62–3. Originally from France.
342792. A–849. Bdn. 62–4. Originally from Italy.
342793. A–850. Bdn. 62–5. Originally from France.
342794. A–851. Bdn. 62–7. Originally from Russia.
342795. A–852. Bdn. 62–10. Originally from Hungary.
342796. A–853. Bdn. 62–19. Originally from Hungary.

342797 to 342803. MELILOTUS ALTISSIMA Thuill. Sweetclover.
Biennial.

342677 to 342903—Continued

342797 to 342803—Continued

342797. A–956. Bdn. 636. Originally from Germany.

342798. A–957. Bdn. 963. Originally from Germany.

342799. A–958. Bdn. 992. Originally from Germany.

342800. A–959. Bdn. 58–208. Originally from France.

342801. A–960. Bdn. 58–242. Originally from Sweden.

342802. A–961. Bdn. 58–243. Originally from France.

342803. A–962. Bdn. 58–259. Originally from Hungary.

342804 to 342820. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

342804. A–854. Bdn. 470. Originally from France. Biennial, yellow flower, stems 9 to 11 dm. tall.

342805. A–855. Bdn. 471. Originally from Germany. Biennial, yellow flower, stems 4 to 15 dm. tall.

342806. A–856. Bdn. 472. Originally from France. Biennial, yellow flower, stems 10 to 11 dm. tall.

342807. A–857. Bdn. 473. Originally from Finland. Biennial, yellow flowers, stems 10 to 14 dm. tall.

342808. A–858. Bdn. 474. Originally from Germany. Biennial, yellow flowers, stems 10 to 15 dm. tall.

342809. A–859. Originally from Belgium. Biennial, yellow flowers, stems 11 to 17 dm. tall.

342810. A–860. Bdn. 466. Originally from England. Biennial, yellow flowers, stems 16 dm. tall.

342811. A–861. Bdn. 467. Originally from France. Biennial, yellow flowers, stems 10 to 16 dm. tall.

342812. A–862. Bdn. 468. Originally from Norway. Biennial, yellow flowers, stems 5 to 14 dm. tall.

342813. A–863. Bdn. 469. Originally from Portugal. Biennial, yellow flowers, stems 5 to 14 dm. tall.

342814. A–864. Bdn. 475. Originally from Germany. Biennial, yellow flowers, stems 6 to 11 dm. tall.

342815. A–865. Bdn. 476. Originally from Yugoslavia.

342816. A–866. Bdn. 477. Originally from England.

342817. A–867. Bdn. 479. Originally from Scotland.

342818. A–868. Bdn. 480. Originally from Switzerland.

342819. A–869. Bdn. 481. Originally from Holland.

342820. A–870. Bdn. 482. Originally from Germany.

342821. MELILOTUS ALBA Desr. **White sweetclover.**

A–871. Bdn. 483. Originally from Germany. Biennial, white flowers, stems 13 dm. tall.

342822 to 342826. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

342822. A–872. Bdn. 484. Originally from Belgium. Annual, yellow flowers, stems 11 dm. tall.

342823. A–873. Bdn. 485. Originally from Germany. Annual, yellow flowers, stems 12 to 14 dm. tall.

342824. A–874. Bdn. 487. Originally from Switzerland. Annual, yellow flowers, stems 8 dm. tall.

342677 to 342903—Continued

342822 to 342826—Continued

342825. A–876. Bdn. 549. Originally from Belgium. Annual, yellow flowers, stems 10 to 12 dm. tall.

342826. A–877. Bdn. 624. Originally from Germany. Annual, yellow flowers, stems 9 dm. tall.

342827. MELILOTUS ALBA Desr. **White sweetclover.**

A–878. Bdn. 625. Originally from France. Biennial, white flowers, stems 14 dm. tall.

342828 to 342838. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

342828. A–879. Bdn. 674. Originally from France. Annual, yellow flowers, stems 8 to 10 dm. tall.

342829. A–880. Bdn. 675. Originally from Germany. Annual, yellow flowers, stems 9 to 12 dm. tall.

342830. A–881. Bdn. 676. Originally from Italy. Biennial, yellow flowers, stems 10 to 12 dm. tall.

342831. A–882. Bdn. 677. Originally from Germany. Biennial, yellow flowers, stems 12 dm. tall.

342832. A–883. Bdn. 678. Originally from Sweden. Annual, yellow flowers, stems 12 dm. tall.

342833. A–884. Bdn. 680. Originally from Poland. Annual, flowers yellow, stems 11 dm. tall.

342834. A–885. Bdn. 681. Originally from Switzerland. Biennial, flowers yellow, stems 14 dm. tall.

342835. A–886. Bdn. 684. Originally from Germany. Annual, flowers yellow, stems 10 to 13 dm. tall.

342836. A–887. Bdn. 685. Originally from Germany. Annual, flowers yellow, stems 10 to 15 dm. tall.

342837. A–888. Bdn. 686. Originally from Belgium. Annual, flowers yellow, stems 12 dm. tall.

342838. A–889. Bdn. 688. Originally from Switzerland. Annual, flowers yellow, stems 17 dm. tall.

342839. MELILOTUS ALBA Desr. **White sweetclover.**

A–890. Bdn. 689. Originally from Netherlands. Biennial, white flowers, stems 10 to 15 dm. tall.

342840 to 342889. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

342840. A–891. Bdn. 690. Originally from Finland.
342841. A–892. Bdn. 692. Originally from Portugal.
342842. A–893. Bdn. 693. Originally from Switzerland.
342843. A–894. Bdn. 694. Originally from Germany.
342844. A–895. Bdn. 695. Originally from Germany.
342845. A–896. Bdn. 696. Originally from Poland.
382846. A–897. Bdn. 697. Originally from Holland.
342847. A–898. Bdn. 698. Originally from Poland.
342848. A–899. Bdn. 699. Originally from Germany.
342849. A–900. Bdn. 700. Originally from Copenhagen, Denmark.
342850. A–901. Bdn. 701. Originally from England.
342851. A–902. Bdn. 703. Originally from Italy.

342677 to 342903—Continued

342840 to 342889—Continued

342852. A–903. Bdn. 704. Originally from England.
342853. A–904. Bdn. 705. Originally from England.
342854. A–905. Bdn. 706. Originally from Switzerland.
342855. A–906. Bdn. 831. Originally from Germany.
342856. A–907. Bdn. 833. Originally from Germany.
342857. A–908. Bdn. 835. Originally from Hungary.
342858. A–909. Bdn. 836. Originally from Norway.
342859. A–910. Bdn. 845. Originally from France.
Biennial.
342860. A–911. Bdn. 1944. Originally from Czechoslovakia.
342861. A–912. Bdn. 1945. Originally from France.
342862. A–913. Bdn. 1946. Originally from France.
342863. A–914. Bdn. 1947. Originally from Poland.
342864. A–915. Bdn. 1949. Originally from Russia.
342865. A–916. Bdn. 1950. Originally from Hungary.
342866. A–917. Bdn. 1951. Originally from Germany.
342867. A–918. Bdn. 1952. Originally from Belgium.
342868. A–919. Bdn. 1954. Originally from Germany.
342869. A–920. Bdn. 1955. Originally from Germany.
342870. A–921. Bdn. 1956. Originally from Turkey.
342871. A–922. Bdn. 1957. Originally from Russia.
342872. A–923. Rep No. 1–1. Originally from Turkey.
342873. A–924. Bdn. 58–8. Originally from England.
342874. A–925. Bdn. 58–151. Originally from Switzerland.
342875. A–926. Bdn. 58–161. Originally from Holland.
342876. A–927. Bdn. 58–171. Originally from Russia.
342877. A–929. Bdn. 58–173. Originally from Russia.
342878. A–930. Bdn. 58–174. Originally from Leningrad, Russia.
342879. A–931. Bdn. 58–176. Originally from Switzerland.
342880. A–932. Bdn. 58–180. Originally from Switzerland.
342881. A–933. Bdn. 58–181. Originally from Czechoslovakia.
342882. A–934. Bdn. 58–182. Originally from Germany.
342883. A–935. Bdn. 58–185. Originally from Hungary.
342884. A–936. Bdn. 58–223. Originally from Russia.
342885. A–937. Bdn. 60–99. Originally from Bulgaria.
342886. A–938. Bdn. 60–102. Originally from Hungary.
342887. A–939. Bdn. 60–103. Originally from Sweden.
342888. A–940. Bdn. 60–107. Originally from Germany.
342889. A–941. Bdn. 60–108. Originally from Germany.

342890. MELILOTUS ALBA Desr. **White sweetclover.**
A–942. Bdn. 60–110. Originally from Siberia Botanical Garden, Russia.

342677 to 342903—Continued

342891 to 342903. MELILOTUS OFFICINALIS (L.) Lam. **Yellow sweetclover.**

342891. A–943. Bdn. 61–20. Originally from Estonia.

342892. A–944. Bdn. 61–21. Originally from Russia.

342893. A–945. Bdn. 61–26. Originally from Poland.

342894. A–946. Bdn. 61–28. Originally from Switzerland.

342895. A–947. Bdn. 62–1.

342896. A–948. Bdn. 62–2. Originally from Hungary.

342897. A–949. Bdn. 62–11. Originally from Russia.

342898. A–950. Bdn. 62–12. Originally from France.

342899. A–951. Bdn. 62–13. Originally from Iran.

342900. A–952. Bdn. 62–14. Originally from Turkey.

342901. A–953. Bdn. 62–15. Originally from Germany.

342902. A–954. Bdn. 62–16. Originally from Italy.

342903. A–955. Bdn. 62–17. Originally from Russia.

342904 to 342920.

From India. Seed presented by A. Abraham, University of Kerala, Trivandrum under Public Law 480 Project A7–CR–178. Numbered May 9, 1969.

342904. CAJANUS CAJAN (L.) Millsp. Leguminosae **Pigeon-pea.**

Ca–68.01. Coimbatore. Planted June to July at onset of monsoon. Maturity 7 to 10 months.

342905. DOLICHOS FALCATUS Klein ex Willd. Leguminosae.

D.(W)–68.04. Aryankavu forest. Perennial, tuberous roots; flowers in slender peduncles, slightly pink; pod glabrous, 5 to 8 by 0.89 cm., 6 to 8 seed.

342906 to 342920. ORYZA SATIVA L. Gramineae. **Rice.**

342906. 0.67–09. 'Mallikuruka'. Ayyappan Coil range. Elevation to 762 m. Dry land variety planted in June after onset of monsoon. Maturity 146 days.

342907. 0.67–10. 'Arayakuruka'. Kodumudi area. Elevation to 457 m. Planted June to September. Maturity 148 days.

342908. 0.67–11. 'Kuruka'. Erumely range. Elevation to 274 m. Planted June after onset of monsoon. Maturity 150 days.

342909. 0.67–12. 'Kuruva'. Ranni range. Elevation to 213 m. Planted May to October. Maturity 157 days.

342910. 0.67–13. Kozhikode range. Planted May to October. Maturity 150 days.

342911. 0.67–14. 'Parambancheera'. Vazhackal range. Elevation 305 m. Planted June to July. Maturity 159 days.

342912. 0.67–15. 'Mundanperuvaka'. Vazhachal range. Elevation 305 m. Maturity 159 days.

342913. 0.68–01. 'Mundanperuvaka'. Kaladi range. Maturity 159 days.

342914. 0.68–02. 'Mundanperuvaka'. Elevation to 381 m. Planted June after onset of monsoon. Maturity 159 days.

342915. 0.68–04. Chalakudy forest. Elevation to 457 m. Planted June. Maturity 168 days.

342916. 0.68–06. 'Vellaperuvaka'. Vazhachal range. Planted June. Maturity 160 days.

342904 to 342920—Continued

342906 to 342920—Continued

342917. 0.68–07. Chalakudy forest. Grown both as wet land and dry land paddy. Planted June. Maturity 150 days.

342918. 0.68–08. Malayatoor forest. Planted June. Maturity 159 days.

342919. 0.68–09. 'Etaperuvaka'. Planted June. Maturity 159 days.

342920. 0.68–10. 'Peruvaka'. Panniyaram forest. Planted June. Maturity 157 days.

342921 and 342922.

From Denmark. Seed presented by Kirsten Andersen, Royal Agricultural School, Department of Plant Breeding, Taastrup. Numbered May 9, 1969.

342921. AVENA SATIVA L. Gramineae. **Common oats.**
1330 'Max'.

342922. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**
735 'Dana'.

342923 to 342930.

From Japan Seed collected October 1968 by Takio Adachi, Shio Town, Ishikawa Prefecture. Numbered May 9, 1969.

342923. ALNUS FIRMA Sieb. & Zucc. Betulaceae. **Alder.**
Koka-Gun, Shiga Prefecture. Elevation 8 m.

342924. ALNUS HIRSUTA var. SIBIRICA (Spach) Schneid. Betulaceae.
Koka-Gun, Shiga Prefecture. Elevation 88 m.

342925. ALNUS PENDULA Matsum. Betulaceae.
Koka-Gun, Shiga Prefecture. Elevation 88 m.

342926. CHAMAECYPARIS OBTUSA (Sieb. & Zucc.) Endl. Pinaceae.
Hinoki falsecypress.
Nagashima, Mie Prefecture. Elevation 50 m.

342927 and 342928. CRYPTOMERIA JAPONICA (L.f.) D. Don Pinaceae.
Common cryptomeria.

342927. Ishikawa, Ishikawa Prefecture. Elevation 500 m.

342928. Ohara, Ogama, Togama Prefecture. Elevation 1,000 m.

342929. PINUS DENSIFLORA Sieb. & Zucc. Pinaceae. **Japanese red pine.**
Hakui, Ishikawa Prefecture. Elevation 50 m.

342930. PINUS THUNBERGII Parl. **Japanese black pine.**
Hakui, Ishikawa Prefecture. Elevation 20 m.

342931 to 342940.

From Japan. Seed presented by Homiki Ugeki, Ehime University, Matuyama. Numbered May 9, 1969.

342931. ARALIA ELATA (Miq.) Seem. Araliaceae.

342932. CLEYERA JAPONICA Thunb. Theaceae.

342933. ILEX ROTUNDA Thunb. Aquifoliaceae. **Holly.**

342934. LAGERSTROEMIA INDICA L. Lythraceae. **Common crapemyrtle.**

342935. LEUCOSCEPTRUM STELLIPILUM (Miq.) Katam. & Murata Labiatae.

342936. LIGUSTRUM JAPONICUM Thunb. Oleaceae. **Japanese privet.**

342937. LIGUSTRUM LUCIDUM Ait. **Glossy privet.**

342938. PAEDERIA TOMENTOSA Blume Rubiaceae.

342931 to 342940—Continued

342939. PRUNUS JAMASAKURA Sieb. ex Koidz. Rosaceae.

Yaku Island. Kagosima province.

342940. ULMUS PARVIFOLIA Jacq. Ulmaceae. **Leatherleaf elm.**

342941 to 342945. ALLIUM CEPA L. Liliaceae. **Onion.**

From Italy. Seed presented by C. Faraone Mennella & Company, Pagani, Salerno. Numbered May 9, 1969.

342941. 'Barletta'.

342942. 'Konigin'.

342943. 'Pompei'.

342944. 'Queen'.

342945. 'Vaugirard'.

342946 to 342949. CAPSICUM ANNUUM L. Solanaceae. **Pimento.**

From California. Seeds presented by P. G. Smith, Department of Vegetable Crops, University of California, Davis. Numbered May 9, 1969.

Possess genes for resistance to potato virus Y and tobacco etch virus, derived from P.I. 264281.

342946. 'Agronomico No. 8'.

342947. Ac 2120. Resistant to PVY only, apparently as dominant gene.

342948. 'Avelar'.

342949. 'Casca Dura'.

342950 and 342951. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

From Denmark. Seed presented by J. E. Ohlsens Enke, Copenhagen. Numbered May 9, 1969.

342950. 'Spanberg Pickling'.

342951. 'Pickling F_1 No. 40'.

342952. VICIA LITVINOVII Boiss. Leguminosae.

From the Union of Soviet Socialist Republics. Seed presented by Nikita Botanic Garden, Yalta. Plants growing at National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Numbered May 9, 1969.

342953 and 342954.

From Colorado. Seed collected January 1969 by J. V. Dennis, Leesburg, Va. Numbered May 12, 1969.

342953. CERCOCARPUS BREVIFLORUS A. Gray Rosaceae.

Durango.

342954. YUCCA sp. Liliaceae.

East of Walsenburg 32 km.

342955 to 342962.

From Mexico. Seed collected January 1969 by J. V. Dennis, Leesburg, Virginia. Numbered May 12, 1969.

342955. CANNA INDICA L. Cannaceae.

Tobasco.

342956 to 342959. LEUCAENA LEUCOCEPHALA (Lam.) deWit Leguminosae. **Leadtree.**

342955 to 342962—Continued

342956 to 342959—Continued

342956. Palma Sola, Vera Cruz. Elevation 9 m. In rocky volcanic soil about 180 m. from Gulf.

342957. About 13 km. south of Progreso, Yucatan. Limestone soil, along roadside.

342958. Three to five km. east of Champoton, Campeche. In limestone near Gulf coast.

342959. Yucaton-Campeche border, limestone formation along Route 180.

342960. LEUCAENA sp.

About 48 km. north of Tehuantepec, Oaxaca, on Route 185.

342961. PHASEOLUS ATROPURPUREUS Moc. & Sesse ex DC. Leguminosae.
Bean.

About 48 km. north of Tehuantepec, Oaxaca, on Route 185. Flower purple.

342962. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**

Tabasco.

342963 to 342965.

From New Mexico. Seed collected January 1969 by J. V. Dennis, Leesburg, Va. Numbered May 12, 1969.

342963. LARREA TRIDENTATA (DC.) Coville Zygophyllaceae.

Truth or Consequences.

342964. PROSOPIS PUBESCENS Hook. Leguminosae **Mesquite.**

Socorro.

342965. YUCCA ELATA Engelm. Liliaceae.

342966 to 342971. TRITICUM AESTIVUM L. Gramineae.
Common wheat.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Numbered May 12, 1969.

342966. 'Hard Amber'. Mutant of 'Lerma Rojo'.

342967. 'Lerma Rojo'.

342968. 'Sharbati Sonora'. Mutant of 'Sonora 64'.

342969. 'Sonora 64'.

342970. 'N.P. 799'.

342971. 'N.P. 836'. Mutant of 'N.P. 799'.

342972 to 343006. LINUM USITATISSIMUM L. Linaceae.
Common flax.

From France. Seed presented by F. Plonka, Central Station for Genetics and Plant Improvement, Versailles. Numbered May 12, 1969.

342972.	C.I. 2645.	Algeria.	Macrospermae grandiflorae.
342973.	C.I. 2646.	Algeria.	Svalof atlas aljalin.
342974.	C.I. 2647.	Germany.	Vitagold.
342975.	C.I. 2648.	Ethiopia.	Asmara.
342976.	C.I. 2649.	Ethiopia.	de metcha 1–3–3 Vilm.
342977.	C.I. 2650.	Ethiopia.	de metcha 1–3–6 Vilm.

342972 to 343006—Continued

342978. C.I. 2651. Ethiopia. de metcha Verrieres 3.
342979. C.I. 2652. Ethiopia. Erythree.
342980. C.I. 2653. Bulgaria. 9 de Sofia.
342981. C.I. 2654. Morocco. Safi 1.4–2–1.
342982. C.I. 2655. Morocco. Safi 1.4–2–2.
342983. C.I. 2656. Morocco. Safi 1.4–4.
342984. C.I. 2657. Paraguay. Colonia cambireta Safi (13.439).
342985. C.I. 2658. Paraguay. Colonia cambireta Safi (13.440).
342986. C.I. 2659. Paraguay. Colonia Capitan Miranda (13.441).
342987. C.I. 2660. Paraguay. Colonia Capitan Miranda (13.442).
342988. C.I. 2661. Paraguay. Colonia Itanqua.
342989. C.I. 2662. Portugal. II–29–16.
342990. C.I. 2663. Portugal. II–30–35.
342991. C.I. 2664. Portugal. 5 gg selection No. 5.
342992. C.I. 2665. Portugal. No. 797.
342993. C.I. 2666. Portugal. Albufeira.
342994. C.I. 2667. Portugal. Giza.
342995. C.I. 2668. Romania. Valachie 1.2.
342996. C.I. 2669. Romania. Valachie 1.5–7.
342997. C.I. 2670. Tunisia. de Tunisie No. 132.
342998. C.I. 2671. Tunisia. de Tunisie Cap Bon.
342999. C.I. 2672. U.S.S.R. *L.usit. macrosp.* grand Turkistan 4.
343000. C.I. 2673. Turkey. Smyrne (Washington).
343001. C.I. 2674. Uruguay. 12b12 La Estanzuela.
343002. C.I. 2675. Uruguay. hyb. E. La Estanzuela 1.2–5.
343003. C.I. 2676. Uruguay. hyb. E. La Estanzuela 1.3.
343004. C.I. 2677. Uruguay. HR La Estanzuela.
343005. C.I. 2678. Uruguay. AR La Estanzuela RG 223.
343006. C.I. 2679. Uruguay. La Estanzuela AR 81.022 1.3.

343007. VICIA GALEATA Boiss. Leguminosae.

From Israel. Seed presented by Volcani Institute of Agricultural Research, Plant Introduction Service, Biet Dagan. Plants growing at National Plant Materials Center, Soil Conservation Service, Beltsville, Md. Numbered May 12, 1969.

343008. VICIA HUMILIS HBK. Leguminosae.

From Mexico. Seed presented by J. Rzdowski, Coatlan del Rio, Morelos. Plants growing at National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Numbered May 12, 1969.

343009 to 343029.

From the Union of Soviet Socialist Republics. Seed presented by the All-Union Institute of Plant Industry, Leningrad. Numbered May 12, 1969.

343009 to 343013. CAJANUS CAJAN (L.) Millsp. Leguminosae. **Pigeon-pea.**

343009. K–3. Afghanistan.
343010. K–268. Italy.
343011. K–269. India.
343012. K–270. India.
343013. K–274. India.

343009 to 343029—Continued

343014 to 343021. CICER ARIETINUM L. Leguminosae **Chickpea.**

343014. K–16. 'Kuban's 16'. Uzbekistan.

343015. K–583. 'Azerbaidzan's 853'. Azerbaijan.

343016. K–1148. 'Krasnokutorii 195'. Saratov region.

343017. K–1168. Hybrid 27. Uzbekistan.

343018. K–1182. 'Milyutn's 04'. Uzbekistan.

343019. K–1243. 'Sovhoz 14'. Krasnodar territory.

343020. K–1258. 'Jubilee'. Saratov region.

343021. K–1286. 'Tall 30'. Krasnodar territory.

343022 to 343029. LENS ESCULENTA Moench. Leguminosae. **Lentil.**

343022. K–244. 'Steppe 244'. Ukraine.

343023. K–1701. 'National 03'. Ukraine.

343024. K–1733. 'Petrov's 4/105'. Penza region.

343025. K–1778. 'Novourensk 3565'. Ulyanovsk region.

343026. K–1834. 'Tadzir's 95'. Tadziristan.

343027. K–1849. 'Astarar's local'. Armenia.

343028. K–2047. 'Petrov's Jubilee'. Penza region.

343029. K–2123. 'New Moon'. Ukraine.

343030 to 343033. ORYZA SATIVA L. Gramineae. **Rice.**

From Korea. Seed presented by L. C. Kapp, Agency for International Development. Grown at the Crop Experiment Station, Suwon. Numbered May 13, 1969.

343030. 'Ayanishiki'.

343031. 'Hokwang'.

343032. 'Kwanok'.

343033. 'Nonglim No. 6'.

343034 to 343043. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Malaysia. Cuttings presented by the Faculty of Agriculture, University of Malaysia, Kuala Lumpur. Numbered May 13, 1969.

343034. 68/002/SR.

343035. 68/003/SR.

343036. 68/009/SR.

343037. 68/010/SR.

343038. 68 011/SR.

343039. 68/014/SR.

343040. 68/015/SR.

343041. 68/017/SR.

343042. 68/810/SR.

343043. 69/018/SR.

343044 to 343047. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Spain. Tubers presented by the Estacion de Mejora de la Patata, Jose Antonio, Vitoria. Numbered May 19, 1969.

343044. 'Green Mountain'. X–free, S–free.

343045. 'Irish Cobbler'. X–free.

343046. 'Kennebec'. X–free, S–free.

343047. 'Russet Burbank'. X–free.

343048 and 343049. ALLIUM CEPA L. Liliaceae. **Onion.**

From Spain. Seed presented by Antonio Bermejo, Granja Escuela Joe Antonio, Valladolid. Numbered May 22, 1969.

343048. 'Blanca Temprande la Reina'.

343049. 'Cebolla Blanca Temprana'.

343050 to 343054. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

From Mexico. Seed presented by Instituto Nacional de Investigaciones Agricolas through Iunternacional Maize and Wheat Improvement Center, Mexico, D.F. Numbered May 22, 1969.

343050. 'Atlixco'.

343051. 'Imperial'.

343052. 'Tanhuata'.

343053. 'Tanverde'.

343054. 'Velluda Peruana'.

343055 to 343058. ZEA MAYS L. Gramineae. **Corn.**

From the Union of Soviet Socialist Republics. Seed presented by the All-Union Institute of Plant Industry, Leningrad. Numbered May 22, 1969.

343055. H–270. Hybrid Dneprovskii 98. Ukraine. 1963. F_1 yellow dent.

343056. K–10295. Hybrid VIR 25 TW. Krasnodar territory. 1967. White dent.

343057. K–12281. Hybrid Bukovinskii 3. Ukraine. 1967. Yellow flint.

343058. K–13179. Dneprovskii 56T. Ukraine. 1967. White dent.

343059. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From the Republic of South Africa. Seed presented by O. L. Hutton, Stutterheim, Cape Province. Numbered May 22, 1969.

'Sunrise'. Wilt resistant.

343060 to 343063.

From Brazil. Seed collected by B. Skvortzov, Instituto de Botanica, Sao Paulo. Numbered May 22, 1969.

343060. AVENA sp. Gramineae.

No. 1.

343061. AVENA sp.

No. 2.

343062. ZANTEDESCHIA AETHIOPICA (L.) Spreng. Araceae. **Common calla.**

343063. ZEPHYRANTHES TAUBERTIANA Harms Amaryllidaceae. **Zephyrlily.**

343064 and 343065.

From Japan. Seed presented by Experimental Forest Station, Kyoto University, Kitashira Kawa, Kyoto. Numbered May 22, 1969.

343064. SORBUS GRACILIS (Sieb. & Zucc.) K. Koch Rosaceae.

343065. SORBUS COMMINTA var. RUFOFERRUGINEA C. K. Schn.

343066. RHAPONTICUM CARTHAMOIDES (Willd.) Iljin Ericaceae.

From the Union of Soviet Socialist Republics. Seed presented by V. S. Sokolov, Botanical Institute of W. L. Komarov, Leningrad. Numbered May 23, 1969.

343067. CUCUMIS DINTERI Cogn. Cucurbitaceae.

From California. Seed increased at U. S. Horticultural Field Station, La Jolla. Original seed received from A. D. J. Meeuse, Division of Botany, Pretoria, South Africa. Numbered May 23, 1969.

LJ 90770. S_2, natural pollination. See P.I. 282444.

343068. ORYZA SATIVA L. Gramineae. **Rice.**

From Taiwan. Seed presented by H. W. Li, Institute of Botany, Academia Sinica, Nankang, Taipei. Numbered May 23, 1969.

'Keh-tze 20–74'.

343069 to 343072.

From Argentina. Seed presented by E. J. Hilder, Pasture Agronomist, Food and Agriculture Organization United Nations, San Carlos de Bariloche. Numbered May 23, 1969.

343069. ELYMUS PATAGONICUS Speg. Gramineae.

Fortin Chacabuca, Bariloche, Rio Negro.

343070. FESTUCA GRACILLIMA Hook. f. Gramineae

Stag River 52°S–72°W.

343071. FESTUCA PALLESCENS (St.-Yves) Parodi

About 5 km. west of Esquel. 43°S–71°W.

343072. FESTUCA PURPURASCENS Bank & Soland. ex Hook. f.

Fortin Chacabuca, 30 km from Bariloche.

343073. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

From Greece. Seed presented by Institute for Fodder Crops, Larissa. Numbered May 23, 1969.

343074 to 343076.

From Australia. Seed presented by Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Numbered May 23, 1969.

343074. DODONAEA ATTENUATA A. Cunn. Sapindaceae. **Longstem hopbush.** C 255.

343075 to 343076. DODONAEA VISCOSA (L.) Jacq. **Clammy hopbush.**

343075. C 285.

343076. C 692.

343077. PISUM SATIVUM L. Leguminosae. **Garden pea.**

From Iran. Seed collected by J. D. Speth, Museum of Anthropology, University of Michigan, Ann Arbor, Michigan. Numbered May 23, 1969.

Collected in vicinity of Teheran.

343078 and 343079. HORDEUM VULGARE L. Gramineae. **Common barley.**

From England. Seed presented by David Miln and Company, Chester. Numbered May 23, 1969.

343078. 'Midas'.

343079. 'Golden Promise'.

343080. ORYZA SATIVA L. Gramineae. **Rice.**

From Australia. Seed presented by Plant Introduction Officer, Department of Agriculture, Sydney. Numbered May 23, 1969.

343081 to 343100.

From Australia. Seed presented by the Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Numbered May 27, 1969.

343081. BANKSIA sp. Proteaceae.

343082. BURSARIA SPINOSA Cav. Pittosporaceae.

343083. CASUARINA sp. Casuarinaceae.

343084. CERATOPETALUM APETALUM D. Don Cunoniaceae.

343085. CLERODENDRUM UGANDENSIS Prain Verbenaceae.

343081 to 343100—Continued

343086. DODONAEA sp. Sapindaceae.
343087. DRYANDRA FORMOSA R. Br. Proteaceae.
343088. DRYANDRA PRAEMOSA Meisn.
343089. DRYANDRA sp.
343090. EREMOPHILA GILESII F. Muell. Myoporaceae.
343091. EUCALYPTUS ERYTHROCORYS F. Muell. Myrtaceae.
343092. GREVILLEA HELIOSPERMA R. Br. Proteaceae.
343093. HAEMODORUM sp. Haemodoraceae.
343094. HELICHRYSUM BRACTEATUM (Vent.) Willd. Compositae. **Strawflower.**
343095. LATHYRUS sp. Leguminosae.
343096. LEPTOSPERMUM sp. Myrtaceae.
343097. LEUCAENA LEUCOCEPHALA (Lam.) deWit Leguminosae **Leadtree.**
343098. LIVISTONA HUMILIS R. Br. Palmae.
343099. PHLOX sp. Polemoniaceae.
343100. XANTHOSTEMON PARADOXUS F. Muell. Myrtaceae.

343101 and 343102.

From the Union of Soviet Socialist Republics. Seed presented by the All-Union Institute of Plant Industry, Leningrad. Numbered May 27, 1969.

343101. KOCHIA PROSTRATA (L.) Schrad. Chenopodiaceae.
343102. SALSOLA RICHLERI Karel. Chenopodiaceae.

343103 to 343105.

From Canada. Seed presented by Montreal Botanic Garden, Montreal. Numbered May 27, 1969.

343103. SCUTELLARIA LATERIFLORA L. Labiatae.
343104. SCUTELLARIA PARVULA Michx.
343105. ULMUS RUBRA Muhl. Ulmaceae.

343106 to 343126.

From India. Seed presented by S. K. Mukherjee and H. B. Singh, Indian Agricultural Research Institute, New Delhi under P.L. 480 Project A7–CR–140. Numbered May 27, 1969.

343106. COTONEASTER AFFINIS var. BACILLARIS (Wall. ex Lindl.) Schneid. Rosaceae.
343107. COTONEASTER MICROPHYLLA Wall. ex Lindl. **Rockspray.**
343108. CYDONIA OBLONGA Mill. Rosaceae. **Quince.**
343109. MALUS BACCATA (L.) Borkh. Rosaceae.
343110. MALUS SIKKIMENSIS (Hook. f.) Koehne **Sikkim crab.**
343111. PRUNUS ACUMINATA (Wall.) Hook. f. Rosaceae. **Cherry-laurel.**
343112. PRUNUS ARMENIACA L. **Apricot.**
343113. PRUNUS CERASOIDES D. Don **Sikkim cherry.**
343114. PRUNUS CORNUTA (Wall.) Steud. **Himalayan birdcherry.**
343115. PRUNUS JENKINSII Hook. f. & Thoms.
343116. PRUNUS NAPAULENSIS (Seringe) Steud. **Nepal cherry.**
343117. PRUNUS PERSICA (L.) Batsch **Peach.**

343106 to 343126—Continued

343118. PRUNUS sp.

Local name Behimi.

343119. PYRUS PASHIA var. KUMAONI Stapf Rosaceae.

343120. PYRUS PYRIFOLIA (Burm. P.) Nakai Rosaceae. **Late pear.**

343121. SORBUS CUSPIDATA (Spach) Hedl. Rosaceae.

343122. SORBUS FOLIOLOSA (Wall.) Spach

343123. SORBUS INSIGNIS (Hook. f.) Hedl.

343124. SORBUS LANATA (D. Don) Schauer

343125. SORBUS MICROPHYLLA Wenzig.

343126. SORBUS sp.

343127 to 343150. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.

From the Republic of South Africa. Seed presented by Gunson Seeds South Africa (Pty.) Limited, Johannesburg. Numbered May 27, 1969.

Originally from Institut National de la Recherche Agronomique, Station d'Amelioration des Plantes, Montpellier, France.

343127. K. 219.
343128. K. 456.
343129. K. 465/117.
343130. K. 465/118.
343131. K. 465/121.
343132. K. 465/123.
343133. K. 465/124.
343134. K. 465/125.
343135. K. 465/126.
343136. K. 482/107.
343137. K. 482/108.
343138. K. 482/109.
343139. K. 482/111.
343140. K. 482/112.
343141. K. 482/113.
343142. K. 488/97.
343143. K. 488/98.
343144. K. 488/99.
343145. K. 488/100.
343146. K. 488/101.
343147. K. 488/105.
343148. K. 488/106.
343149. Caucase 235/148.
343150. Caucase 237/149.

343151 to 343180.

From the United Arab Republic. Seed presented by Food and Agricultural Organization, Near East Wheat and Barley Improvement Project, Regional Office, Cairo. Numbered May 28, 1969.

343151. CARTHAMNUS TINCTORIUS L. Compositae. **Safflower.**

'Giza 1'.

343152. CICER ARIETINUM L. Leguminosae. **Chickpea.**

'Giza 1'.

343153. HELIANTHUS ANNUUS L. Compositae. **Sunflower.**

'Giza 1'.

343154. LENS ESCULENTA Moench. Leguminosae. **Lentil.**

'Giza 9'.

343155 and 343156. LOLIUM MULTIFLORUM Lam. Gramineae. **Italian ryegrass.**

343155. No. 1.

343156. No. 2.

343157. LOLIUM RIGIDUM Gaud. **Wimmera ryegrass.**

343151 to 343180—Continued

343158 and 343159. LUPINUS TERMIS Forsk. Leguminosae.

343158. 'Giza 1'.

343159. 'Giza 2'.

343160. PENNISETUM SPICATUM (L.) Willd. Gramineae. **Pearl millet.**

343161 and 343162. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**

343161. 'Giza 23'.

343162. 'Giza 24'.

343163 to 343165. SORGHUM SUDANENSE (Piper) Stapf Gramineae. **Sudangrass.**

343163. 'Giza 1'.

343164. 'Giza 2'.

343165. 'Giza 3'.

343166 to 343168. TRIFOLIUM ALEXANDRINUM L. Leguminosae. **Berseem clover.**

343166. 'Khadrawi Giza 2'.

343167. 'Meschawi Giza 1'.

343168. 'Wafeer'.

343169 to 343171. TRIGONELLA FOENUM-GRAECUM L. Leguminosae. **Fenugreek.**

343169. 'Giza 1'.

343170. 'Giza 2'.

343171. 'Giza 29'.

343172 to 343174. VICIA FABA L. Leguminosae. **Broadbean.**

343172. 'Giza 1'.

343173. 'Giza 2'.

343174. 'Rebia 40'.

343175 to 343180. ZEA MAYS L. Gramineae. **Corn.**

343175. D.C. 17S.

343176. D.C. 186.

343177. 'Giza Baladi'.

343178. 'Nab El Gamal'.

343179. 'Sabeihi White'.

343180. No varietal name.

343181. TRITICUM sp. Gramineae.

From Chile. Seed presented by Instituto de Investigaciones Agropecuarias, Santiago. Numbered May 28, 1969.

No. 294. International soft wheat rust nursery, 1965.

343182 and 343183. BRASSICA RAPA L. Cruciferae. **Turnip.**

From the Netherlands. Seed presented by F. Wit, Foundation for Agricultural Plant Breeding, Wageningen. Numbered May 28, 1969.

343182. 'Novitas'. Autotetraploid. Resistant to three races of club root.

343183. 'Pr. ras 1'. Diploid synthetic. Resistant to three races of club root.

343184 and 343185. RHAGODIA BACCATA (Labill.) Moq. Chenopodiaceae. **Coastal saltbush.**

From Australia. Seed collected by E. O. Hellmuth, Department of Botany, The University of Western Australia, Nedlands. Numbered May 28, 1969.

343184 and 343185—Continued

343184. Collected at Lakeside Station October 1965.

343185. Collected at Boogardie Station February 1966.

343186 to 343193.

From Iran. Seed collected by M. D. Kernick, Food and Agriculture Organization, Pasture Specialist, Tehran and received through D. R. Dewey, Crops Research Laboratory, Logan, Utah. Numbered May 28, 1969.

343186. AGROPYRON INTERMEDIUM var. TRICHOPHORUM (Link) Halac.

292. Borudjan. 1966.

343187. AGROPYRON CRISTATUM (L.) Gaertn. **Crested wheatgrass.**

124. S. Mianeh. 1960.

343188. AGROPYRON TAURI Boiss. & Bal.

160. Kandavan. 1966.

343189 to 343192. PSATHYROSTACHYS FRAGILIS (Boiss.) Nevski. Gramineae.

343189. 143. 1965.

343190. 176. 1966.

343191. 248. Homand. 1966.

343192. 336. 1964.

343193. HORDEUM VIOLACEUM Boiss. & Hohen. ex Boiss. Gramineae.

222. Karadj. 1966.

343194. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Australia. Cuttings presented by the Colonial Sugar Refining Company, Sydney. Numbered May 29, 1969.

63 MQ 168R.

343195 and 343196.

From Kenya. Seed collected by Quentin Jones. Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Numbered June 2, 1969.

343195. ERAGROSTIS sp. Gramineae.

6940. Nyong Road Forest about 32 km. southwest of Nairobi. Low, moist meadow, soil gray, heavy. Culms to 75 cm., reddish; inflorescence dark gray, spikelets flattened, arranged on one side of panicle branches. Ornamental.

343196. SETARIA sp. Gramineae.

6939. Nyong Road Forest about 32 km. southwest of Nairobi. Low, moist meadow, soil gray, heavy. Seeding culms to 90 cm. high; leafy at base, rhizomatous.

343197 and 343198.

From Brazil. Seed presented by B. V. Skvotzov, Instituto de Botanica, Sao Paulo. Numbered June 2, 1969.

343197. MONTANOA BIPINNATIFIDA (Kunth) C. Koch Compositae.

343198. TETRAGONIA TETRAGONIOIDES (Pallas) O. Ktze. Aizoaceae.

343199 to 343209. SOLANUM (hybrid). Solanaceae.

From Germany. Tubers presented by Max-Planck Institut fur Zuchtungsforschung, Kol-Vogelsang. Numbered June 2, 1969.

Parentage includes *S. acaule*, *S. andigena*, *S. demissum*, *S. stoloniferum* and *S. tuberosum*.

343199. 57.1775/110. Immune to viruses A, X, Y; very resistant to leaf roll. Good for chips. Late main crop.

343199 to 343209—Continued

343200. 62.70/12. Immune to viruses A, X, Y; very resistant to leaf roll, resistant to *Phytophthora infestans*. Main crop.

343201. 63.613/63. Immune to viruses A, X, Y; very resistant *Phytophthora infestans* in leaves and tubers.

343202. 63.651/10. Immune to viruses A, Y; very resistant to tuber blight.

343203. 'Bison'. Immune to virus Y. High starch content, high yield, late.

Parentage includes *S. andigena*, *S. demissum*, *S. stoloniferum*, and *S. tuberosum*.

343204. 62.27/1. Resistant to viruses M and S; very resistant to *Phytophthora infestans*. Main crop.

343205. 'Fanal'. Immune to viruses A, Y; very resistant to *Phytophthora infestans*. Very high starch content, very high yield, late.

Parentage includes *S. andigena*, *S. demissum*, *S. tuberosum*.

343206. 62.55/11. Resistant to viruses A, X, Y, S, leaf-roll; very resistant to *Phytophthora infestans*. Maincrop.

343207. 62.66/1. Resistant to viruses; very resistant to *Phytophthora infestans* in leaves and tubers. High yield main crop.

343208. 'Datura'. Very resistant to *Phytophthora infestans*. Most popular variety. Late main crop.

Parentage includes *S. andigena*, *S. demissum*, *S. spegazzinii*, and *S. tuberosum*.

343209. 60.1343/52. Resistant to several races of *Heterodera rostochiensis*.

343210 to 343229. MANIHOT ESCULENTA Crantz Euphorbiaceae. Cassava.

From India. Cuttings presented by A. Abraham, University of Kerala, Trivandrum under Public Law 480 Project A7–CR–178. Numbered June 2, 1969.

343210. 67–01.
343211. 67–07.
343212. 67–08.
343213. 67–14.
343214. 67–25.
343215. 67–27.
343216. 67–32.
343217. 67–33.
343218. 67–36.
343219. 67–41.
343220. 67–48.
343221. 67–49.
343222. 67–52.
343223. 67–70.
343224. 67–75.
343225. 68–02.
343226. 68–07.
343227. 68–12.
343228. 68–16.
343229. 68–24.

343230. EUCHLAENA MEXICANA Schrad. Gramineae. Teosinte.

From Honduras. Seed collected by H. G. Wilkes, Department of Biology, Tulane University, New Orleans, Louisiana. Numbered June 2, 1969.

51462. Choluteca race. Edge of cultivated field near San Antonio de Padua, Choluteca. Elevation 410 m. Plant 82 cm. high, 11.4 tillers, 12.6 nodes, green, sheaths glabrous, late flowering. January 1964.

343231 to 343233 EUCHLAENA MEXICANA Schrad. Gramineae. Teosinte.

From Guatemala. Seed collected by H. G. Wilkes, Department of Biology, Tulane University, New Orleans, Louisiana. Numbered June 2, 1969.

343231 to 343233—Continued

343231. Jutiapa race. Edge of field near El Progresso South, Jutiapa. Elevation 1,100 m. Plant 144 cm. high, 9.3 tillers, 11.4 nodes, green, sheaths glabrous; 90 days to flower. January 1964.

343232. Huehuetenango race. Canyon near San Antonio Hiusta, Huehuetenango. Elevation 1,300 m. Plant 173 cm. high, 11.5 tillers, 14.3 nodes, green to reddish, slight pubescence; 104 days to flower. January 1964.

343233. Huehuetenango race. Along trail at Tzisbaj, Huehuetenango. Elevation 1,510 m. Plant 183 cm. high, 13 tillers, 15.3 nodes, green to reddish, slight pubescence; 104 days to flower. February 1964.

343234 to 343249. EUCHLAENA MEXICANA Schrad. Gramineae. **Teosinte.**

From Mexico. Seed collected by H. G. Wilkes, Department of Biology, Tulane University, New Orleans, Louisiana. Numbered June 3, 1969.

343234. 45121. Central Plateau race. Edge of field near Cerro 8 km. east of Uriangato, Guanajuato. Elevation 1,850 m. Plant 139 cm. high, 3.9 tillers, 11.4 nodes, green to reddish, slightly pubescent; 78 days to flower. November 1963.

343235. 45320. Central Plateau race. Edge of field, Churuntzio, Michoacan. Elevation 1,900 m. Plant 148 cm. high, 7.7 tillers, 13.3 nodes, green to reddish, slightly pubescent; 79 days to flower. November 1963.

343236. 46452. Central Plateau race. Edge of field, Manual Doblado, Guanajuato. Elevation 1,750 m. Plant 169 m. high, 4.9 tillers, 12.9 nodes, green to reddish, slightly pubescent; 79 days to flower. December 1963.

343237. 47259. Balsas race. Mountainside, Palo Blanco, Guerrero. Elevation 1,250 m. Plant 114 cm. high, 11.6 tillers, 11.9 nodes, green to reddish, sheath nearly glabrous; 91 days to flower. December 1963.

343238. 47269. Balsas race. Limestone ledge, Acshuizotla, Guerrero. Elevation 1,100 m. Plant 110 cm. high, 13.8 tillers, 11.8 nodes, green to reddish, sheath nearly glabrous; 87 days to flower. December 1963.

343239. 47335. Balsas race. Pasture area, Mazatlan, Guerrero. Elevation 1,350 m. Plant 106 cm. high, 12.5 tillers, 11.1 nodes, green to reddish, sheath nearly glabrous; 90 days to flower. December 1963.

343240. 47711. Balsas race. Mountainside near fields, Cerro Ranchos Nuevos on road Teloloapan-Arcelia, Guerrero. Elevation 1,510–1,900 m. Plant 165 cm. high, 6.6 tillers, 12.9 nodes, green to reddish, sheath nearly glabrous; 86 days to flower. December 1963.

343241. 47813. Balsas race. Mountain side, Cerro de Los Chivos on road Teloloapan-Arcelia, Guerrero. Elevation 840 m. Plant 120 cm. high, 9.5 tillers, 11.3 nodes, green to reddish, sheath nearly glabrous; 88 days to flower. December 1963.

343242. 47890. Balsas race. Cerro east of Huetamo, Michoacan. Elevation 600–800 m. Plant 25 cm. high, 8.4 tillers, 10.9 nodes, green to reddish, sheath nearly glabrous; 92 days to flower. December 1963.

343243. 48085. Balsas race. Queretanillo on bank of Rio Cutzamala on Huetamo-Morelia road, Michoacan. Elevation 800 m. Plant 123 cm. high, 8.7 tillers, 12.2 nodes, green to reddish, sheath nearly glabrous; 86 days to flower. December 1963.

343244. 48703. Central Plateau race. Edge of field, Copandirom, Michoacan. Elevation 1,850 m. Plant 170 cm. high, 6.0 tillers, 14 nodes, green to reddish, slightly pubescent; 79 days to flower. December 1963.

343245. 49094. Balsas race. Cornfield near Taxco, Guerrero. Elevation 2,350–2,500 m. Plant 171 cm. high, 5.4 tillers, 13.6 nodes, green to reddish, sheath nearly glabrous; 89 days to flower. December 1963.

343234 to 343249—Continued

343246. Chalco race. Cornfield near Amecameca, Valley of Mexico, Mexico. Elevation 2,350–2,500 m. Plant 197 cm. high, 2.9 tillers, 14.4 nodes, red, sheath pilose; 82 days to flower. December 1963.

343247. Chalco race. Cornfield near Chalco, Valley of Mexico, Mexico. Elevation 2,250 m. Plant 194 cm. high, 3.9 tillers, 15.3 nodes, red, sheath pilose; 79 days to flower. November 1962.

343248. Chalco race. Cornfield near Los Reyes, Valley of Mexico, Mexico. Elevation 2,180 m. Plant 180 cm. high, 5 tillers, 13 nodes, red, sheath pilose; 80 days to flower. October 1962.

343249. Nobogame race. Wide field margin Nobogame-Tarahumare Valley, Chihuahua. Elevation 1,850 m. Plant 116 cm. high, 8.7 tillers, 10.4 nodes, green or reddish; 70 days to flower. November 1964.

343250 to 343338. PISUM SATIVUM L. Leguminosae. Garden pea.

From New York. Seed grown at Regional Plant Introduction Station, Geneva. Original seed obtained from Bean Research Laboratory, Twin Falls, Idaho. Numbered June 3, 1969.

343250. G–18234. Tall; flower white; pod 6. 8 by 1.2 cm.; seed 7 to 8 per pod, small to medium, wrinkled, light to medium green. Excellent set, medium maturity.

343251. G–18235. Tall, very vigorous; flower white; pod 10.5 by 2.0 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and green. Very good set, early.

343252. G–18236. Tall; flower white; pod 9.0 cm.; seed 6 to 9 per pod, medium, wrinkled, tan and green. Very good set, early.

343253. G–18237. Tall, uniformity fair; pod 9.0 by 1.8 cm.; seed 8 per pod, medium, wrinkled, tan and green. Excellent set, medium to early.

343254. G–18238. Tall, uniformity fair, leafy, 10 nodes to first flower; flower white; pod 7.5 by 1.8 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and green. Very good set, early.

343255. G–18239. Tall, leafy, 10 nodes to first flower; flower white; pod 7.3 by 1.5 cm.; seed 7 to 9 per pod, medium, wrinkled, tan and green. Excellent set, medium maturity.

343256. G–18240. Tall, very uniform, 11 nodes to first flower; flower white; pod 7.2 by 1.4 cm.; seed 6 to 8 per pod, medium, wrinkled, tan and green. Excellent set, medium maturity.

343257. G–18241. Dwarf, 12 nodes to first flower; flower white; pod 7.7 by 1.4 cm.; seed 8 to 9 per pod, medium, wrinkled, light to medium green. Excellent set, late.

343258. G–18242. Tall, leafy, 11 nodes to first flower; flower white; pod 8.5 by 2.0 cm.; seed 8 to 9 per pod, medium, wrinkled, green and tan. Excellent set, medium maturity.

343259. G–18243. Tall, 9 nodes to first flower; flower white; pod 7.5 by 1.5 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and green. Excellent set, early.

343260. G–18244. Tall, 12 nodes to first flower, very leafy; flower white; pod 8.3 by 1.3 cm.; seed 7 to 9 per pod, medium, wrinkled, tan and green. Excellent set.

343261. G–18245. Tall, 12 nodes to first flower, leafy; flower white; pod 7.6 by 1.4 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and green. Good set, late.

343262. G–18246. Tall, 12 nodes to first flower; flower white; pod 7.7 by 1.4 cm.; seed medium, wrinkled, light green. Good set, medium maturity.

343250 to 343338—Continued

343263. G–18269. Tall, 14 nodes to first flower; flower purple; pod 5.0 by 1.3 cm.; seed 5 to 6 per pod, small, smooth, green splashed brown and black. Good set, medium maturity.

343264. G–18270. Tall, good uniformity, 13 nodes to first flower; flower purple; pod 6.5 by 1.5 cm.; seed 6 to 7 per pod, medium, wrinkled, green, tan, splashed purple. Excellent set, medium maturity.

343265. G–18271. Tall, good to excellent vigor, 10 nodes to first flower, leafy; flower purple; pod 5.9 by 1.3 cm.; doubling rare; seed 6 per pod, medium, smooth, tan and green. Good set, medium maturity.

343266. G–18272. Tall, 13 nodes to first flower, very leafy; flower purple and white; pods 7.2 by 1.3 cm.; seed 7 to 8 per pod, medium, smooth and wrinkled, tan and green. Medium set, very late.

343267. G–18273. Tall, 11 nodes to first flower, leafy; flower purple; pods 5.2 by 1.0 cm.; seed 5 to 7 per pod, small, smooth and wrinkled, green and tan, splashed purple. Good set, late.

343268. G–18274. Tall, 14 nodes to first flower, leafy; flower pink and purple; pod 5.5 by 1.1 cm.; seed 6 to 7 per pod, small, smooth and wrinkled, tan and green, splashed purple. Late.

343269. G–18275. Tall, very vigorous, 19 nodes to first flower, leafy; flower blue to purple; pod 6.9 by 1.2 cm.; seed 7 to 8 per pod, small, wrinkled, tan and green. Good set, very late.

343270. G–18276. Tall, 13 nodes to first flower, leafy; flower white; pod 6.1 by 1.3 cm.; seed 6 to 7 per pod, small to medium, smooth, tan and green. Good to excellent set, medium to late.

343271. G–18282. Tall, 13 nodes to first flower, medium leafiness; flower white and purple; pod 5.4 by 1.1 cm.; seed 6 to 7 per pod, medium, wrinkled, tan. Good to excellent set, late.

343272. G–18283. 14 nodes to first flower, medium leafiness; flower purple, doubling rare; pod 5.0 by 1.0 cm.; seed 6 to 7 per pod, medium, smooth and wrinkled, green, splashed brown. Good set, early.

343273. G–18284. Tall, very uniform, very vigorous, 14 nodes to first flower, very leafy; flower white; pod 6.7 by 1.3 cm.; seed 6 to 7 per pod, small, smooth, tan and green. Good set, medium maturity.

343274. G–18285. Very uniform, 12 nodes to first flower, very leafy; flower purple; pod 8.0 by 1.8 cm; seed 6 to 7 per pod, medium, smooth and wrinkled, green tan, splashed purple. Medium set, medium maturity.

343275. G–18286. Excellent uniformity, dwarf, 6 nodes to first flower, very leafy; flower purple; pod 5.4 by 1.1 cm.; doubling rare; seed 8 per pod, small, smooth and wrinkled, dark green splashed brown. Medium set, very early.

343276. G–18287. Tall, 13 nodes to first flower, leafy; flower white; 6.9 by 1.5 cm.; seed 6 to 7 per pod, medium to large, smooth, tan. Good to excellent set, medium to late.

343277. G–18288. Tall, uniformity excellent, 16 nodes to first flower, leafy; flower purple; pod 5.5 by 1.2 cm.; seed 5 to 7 per pod, small, smooth, black and brown splashed black. Good to excellent set, early.

343278. G–18289. Tall, 11 nodes to first flower, leafy; flower purple, doubling rare; pod 5.0 by 1.3 cm.; seed 7 per pod, small, smooth and wrinkled, dark green splashed brown. Medium set, early.

343279. G–18290. Tall, 14 nodes to first flower, leafy; flower purple; pod 8.0 by 1.4 cm.; seed 7 to 8 per pod, medium large, tan and green splashed purple. Moderate set, medium to late.

343280. G–18291. Very uniform, tall, 13 nodes to first flower, leafy, flower white and purple; pod 6.6 by 1.5 cm.; seed medium, smooth and wrinkled, green and tan splashed purple. Good to excellent set, medium to late.

343250 to 343338—Continued

343281. G–18292. Excellent vigor, dwarf, very leafy; flower white; pod 6.7 by 1.6 cm.; seed medium, smooth, light to medium green. Excellent set, medium maturity.

343282. G–18294. Very uniform, tall, 14 nodes to first flower, leafy; flower white; pod 10.4 by 2.3 cm.; seed 6 to 8 per pod, medium, wrinkled, tan and green. Good set, late.

343283. G–18295. Tall, fair vigor, 11 nodes to first flower, fair to medium leafiness; flower purple; pod 5.0 by 1.3 cm.; seed 6 to 7 per pod, very small, smooth and wrinkled, green splashed brown and black. Good to excellent set, medium maturity.

343284. G–18296. Tall, 11 nodes to first flower, fairly leafy; flower purple, doubling rare; pod 5.0 by 1.1 cm.; seed 6 to 7 per pod, very small, smooth and wrinkled, green splashed brown and black. Good to excellent set, medium to early.

343285. G–18297. Very uniform, tall, 13 nodes to first flower, medium leafiness; flower white, doubling rare; pod 6.8 by 1.5 cm.; seed 7 per pod, small to medium, smooth and wrinkled, tan and green. Good to excellent set, medium to late.

343286. G–18299. Tall, 9 nodes to first flower, medium leafy; flower purple; pod 5.0 by 1.3 cm.; seed 7 per pod, very small, smooth and wrinkled, green splashed brown and black. Good set, medium to early.

343287. G–18300. Tall, 14 nodes to first flower, very leafy; flower white; pod 6.4 by 1.2 cm.; seed 7 to 8 per pod, small, smooth, tan. Good to excellent set, medium maturity.

343288. G–18301. Very uniform, tall, 16 nodes to first flower, very leafy; flower white; pod 7.8 by 1.3 cm.; seed 6 to 7 per pod, medium, smooth, tan and green. Excellent set, very late.

343289. G–18302. Tall, 13 nodes to first flower, medium leafy; flower white; pod 6.1 by 1.2 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and medium green. Good to excellent set, medium maturity.

343290. G–18303. Very uniform, tall, 13 nodes to first flower, medium leafy; flower white; pod 7.0 by 1.5 cm.; seed 7 to 8 per pod, medium, smooth and wrinkled, medium green. Good set, medium maturity.

343291. G–18304. Very uniform, tall, 15 nodes to first flower, very leafy; flower white; pod 5.5 by 1.2 cm; seed 5 to 7 per pod, medium, smooth and wrinkled, tan and green. Good to excellent set, medium maturity.

343292. G–18305. Tall, 14 nodes to first flower, medium leafiness; flower purple; pod 5.3 by 1.1 cm.; seed 6 to 7 per pod, small, smooth, medium green splashed purple. Excellent set, late.

343293. G–18306. Very uniform, dwarf, excellent vigor, 8 nodes to first flower, very leafy; flower white; pod 9.5 by 1.7 cm.; seed 8 to 9 per pod, medium, smooth and wrinkled, medium to dark green. Excellent set, extremely early.

343294. G–18307. Excellent uniformity, dwarf, excellent vigor, 8 nodes to first flower, medium leafiness; flower white; pod 8.5 by 1.6 cm.; seed 9 per pod, medium, smooth and wrinkled, green. Excellent set, extremely early.

343295. G–18308. Good to excellent uniformity, good to excellent vigor, 14 nodes to first flower, very leafy; flower purple, doubling rare; pod 6.4 by 1.1 cm.; seed 7 to 8 per pod, small, smooth and wrinkled, tan and green. Good to excellent set, medium late maturity.

343296. G–18309. Good to excellent uniformity, tall, 11 nodes to first flower, medium leafy; flower purple; pod 5.6 by 1.0 cm.; seed 6 to 7 per pod, smooth and wrinkled, brownish green. Good to excellent set, very late.

343250 to 343338—Continued

343297. G–18310. Tall, 9 nodes to first flower, medium leafy; flower purple; pod 5.0 by 1.2 cm.; seed very small, smooth and wrinkled, dark green splashed brown and purple. Fair to good set, medium maturity.

343298. G–18311. Tall, 8 nodes to first flower, medium leafy; flower purple, doubling rare; pod 5.3 by 1.2 cm.; seed 6 to 7 per pod, small, wrinkled, dark green. Medium set, medium to early maturity.

343299. G–18312. Dwarf, 6 nodes to first flower, medium leafy; flower white; pod 9.3 by 1.7 cm.; seed 6 to 9 per pod, medium, wrinkled, green. Excellent set, very early.

343300. G–18313. Tall, 6 nodes to first flower; flower purple; pod 5.0 by 1.0 cm.; seed 5 to 6 per pod, very small, smooth and wrinkled, green-splashed brown and speckled black. Medium set, early.

343301. G–18314. Very uniform, tall, very vigorous, 10 to 11 nodes to first flower, leafy; flower purple; pod 7.8 by 1.7 cm.; seed 6 to 7 per pod, medium, wrinkled, greenish tan and green-spotted purple. Good set, medium early.

343302. G–18315. Tall, 10 nodes to the first flower; flower purple; pod 4.7 by 1.2 cm.; seed 5 to 6 per pod, small, smooth, brown-spotted black. Good set, medium early.

343303. G–18316. Tall, 9 nodes to first flower, medium leafy; flower purple; pod 5.5 by 1.2 cm.; seed 5 to 6 per pod, small, smooth and wrinkled, green-splashed brown and green-spotted blue. Medium set, early.

343304. G–18317. Tall, 11 nodes to first flower, sparse leafiness; flower white; pod 7.6 by 1.3 cm.; seed 7 to 8 per pod, medium to large, wrinkled, light green to medium green. Good set, late.

343305. G–18318. Tall, 8 nodes to first flower; flower purple; pod 4.6 by 1.3 cm.; seed 6 to 7 per pod, small, smooth and wrinkled, dark to medium green and green-spotted purple. Good set, early.

343306. G–18319. Tall, 13 nodes to first flower, medium leafiness; flower purple; pod 5.0 by 1.4 cm., seed 5 to 7 per pod, small, smooth, brown-spotted blue. Good set, medium early.

343307. G–18320. Tall, 9 nodes to first flower; flower purple, doubling rare; pod 5.1 by 1.1 cm.; seed 5 to 6 per pod, very small to small, smooth and wrinkled, green-splashed brown. Medium set, early.

343308. G–18321. Dwarf, 5 nodes to first flower, dark green leaves; flower white, doubling rare; pod 8.0 by 1.6 cm.; seed 7 to 9 per pod, small to medium, wrinkled, light green to medium green. Good set, early.

343309. G–18439. Tall, 8 nodes to first flower; flower white; pod 6.3 by 1.3 cm.; seed 7 to 8 per pod, small, smooth, medium green. Good set, late.

343310. G–18440. Tall, poor vigor, 11 nodes to first flower, sparsely leafy; flower purple and white; pod 5.8 by 1.2 cm.; seed 6 to 7 per pod, small to medium, smooth and wrinkled, 3 different seed colors. Medium set, late.

343311. G–18441. Tall, very vigorous, 11 nodes to first flower, very leafy; flower purple; pod 6.2 by 1.3 cm.; seed 7 to 8 per pod, medium, wrinkled, tan and green. Late.

343312. G–18442. Tall, 12 nodes to first flower; flower white, doubling rare; pod 5.9 by 1.2 cm.; seed 7 per pod, medium, smooth and wrinkled, tan. Good set, late.

343313. G–18443. Tall, very vigorous, 11 nodes to first flower, very leafy; flower white, doubling rare; pod 7.1 by 1.3 cm.; seed 6 to 7 per pod, small, smooth, tan. Good set, late.

343314. G–18444. Very uniform, dwarf, 9 nodes to first flower, dark green foliage; flower white; pod 6.4 by 1.3 cm.; seed 6 to 8 per pod, medium, smooth, medium green. Excellent set, late.

343250 to 343338—Continued

343315. G–18445. Dwarf, 11 nodes to first flower, dark green foliage; flower white; pod 6.9 by 1.3 cm.; seed 7 to 8 per pod, medium, smooth, medium green. Excellent set, medium maturity.

343316. G–18446. Very uniform and vigorous, tall, 9 nodes to first flower, very leafy, dark green foliage; flower purple; pod 7.6 by 1.5 cm.; seed large, wrinkled, tan and green. Excellent set, medium maturity.

343317. G–18447. Tall, very vigorous, 11 nodes to first flower; flower white; pod 8.2 by 1.7 cm.; seed 5 to 6 per pod, large, smooth and wrinkled, tan and light green. Excellent set, medium maturity.

343318. G–18448. Dwarf, 13 nodes to first flower, leafy, dark green foliage; flower white; pod 6.5 by 1.5 cm.; seed 7 per pod, medium, smooth and wrinkled, light green. Excellent set, late.

343319. G–18449. Dwarf, good vigor, 14 nodes to first flower, leafy, dark green foliage; flower white; pod 6.6 by 1.5 cm.; seed 5 to 7 per pod, medium to large, smooth and wrinkled, medium green. Excellent set, late.

343320. G–18450. Dwarf, 11 nodes to first flower; flower white; pod 7.0 by 1.4 cm.; seed 6 to 7 per pod, medium, smooth, medium green. Medium set, late.

343321. G–18451. Very uniform, dwarf, 8 nodes to first flower; flower purple; pod 6.7 by 1.5 cm.; seed 5 per pod, large, wrinkled, tan splashed brown. Good set, medium maturity.

343322. G–18452. Dwarf, 11 nodes to first flower; flower white, pod 8.4 by 1.5 cm.; seed 6 to 7 per pod, large, wrinkled, light green to medium green. Excellent set, late.

343323. G–18453. Dwarf, 10 nodes to first flower; flower white; pod 6.7 by 1.4 cm.; seed 7 per pod, small, smooth, light to medium green. Poor to medium set, late.

343324. G–18454. Dwarf, poor vigor, 13 nodes to first flower; flower white; pod 6.7 by 1.6 cm.; seed 6 to 7 per pod, small, smooth, light to medium green. Medium set, late.

343325. G–18455. Dwarf, 13 nodes to first flower, leafy, dark green foliage; flower white; pod 6.7 by 1.3 cm.; seed 7 to 8 per pod, small to medium, smooth, medium green. Good set, late.

343326. G–18456. Variable, mixture tall and dwarf, 19 nodes to first flower; flower purple and white; pod 6.3 by 1.5 cm.; seed 6 to 7 per pod, medium, smooth and wrinkled, light greenish tan, spotted purple. Medium set, late.

343327. G–18457. Dwarf, 14 nodes to first flower; flower white; pod 6.7 by 1.3 cm.; seed 5 to 7 per pod, medium, smooth, green. Medium set, late.

343328. G–18458. Very uniform, dwarf, very vigorous, 11 nodes to first flower, leafy, dark green foliage; flower white; pod 7.4 by 1.3 cm.; seed 5 to 6 per pod, medium, wrinkled, light to medium green. Good set, medium maturity.

343329. G–18459. Fairly uniform, tall, good vigor, 9 nodes to first flower, leafy, dark green foliage; flower purple; pod 7.7 by 1.5 cm.; seed 5 to 6 per pod, large, wrinkled, greenish tan to green-spotted purple. Medium set, medium maturity.

343330. G–18460. Quite uniform, tall, good vigor, 14 nodes to first flower, very leafy, dark green foliage; flower purple; pod 7.4 by 1.5 cm.; seed 7 per pod, medium large, wrinkled, brownish green to tan-splashed brown. Medium set, very late.

343331. G–18461. Quite uniform, tall, good vigor, 13 nodes to first flower; flower purple, doubling rare; pod 7.6 by 1.7 cm.; seed 7 per pod, medium, wrinkled, green and tan. Medium set, late.

343250 to 343338—Continued

343332. G–18462. Tall, 17 nodes to first flower; flower purple; pod 7.8 by 1.4 cm.; seed 6 to 7 per pod, large, wrinkled, green and green-splashed brown. Medium set, very late.

343333. G–18463. Tall, good vigor, 7 nodes to first flower; flower purple; pod 6.9 by 1.5 cm.; seed 4 per pod, very large, wrinkled, green-splashed brown. Medium set, medium maturity.

343334. G–18464. Very uniform, dwarf, very vigorous, 6 nodes to first flower, leafy, dark green foliage; flower purple; pod 6.9 by 1.7 cm.; seed 3 to 5 per pod, large, wrinkled, green and splashed brown. Excellent set, early.

343335. G–18465. Dwarf, very vigorous, leafy, dark green foliage; flower purple; pod 7.0 by 1.5 cm.; seed 4 to 5 per pod, large, wrinkled, green and tan-splashed brown. Excellent set, early.

343336. G–18466. Tall, 9 nodes to first flower, leafy, dark green foliage; flower white; pod 6.9 by 1.5 cm.; seed 4 to 5 per pod, large, wrinkled, tan-splashed brown. Medium set, late.

343337. G–18467. Variable, tall, 14 nodes to first flower; flower white; pod 5.8 by 1.5 cm.; seed 5 to 6 per pod, medium, smooth, tan. Good set, very late.

343338. G–18662. Dwarf, 11 nodes to first flower, medium leafy, dark green foliage; flower white; pod 6.1 by 1.2 cm.; seed 4 per pod, small, smooth, dark green. Poor set, late.

343339 to 343357.

From Czechoslovakia. Cuttings presented by Research Institute for Plant Production, Prague. Code numbers refer to 1967 Index Seminum, Botany Institute, University of Agriculture and Forestry, Brno. Numbered June 4, 1969.

343339. SALIX × AMBIGUA Ehrh. Salicaceae.

244. Male.

343340. SALIX AURITA L.

59. Female.

343341. SALIX × AUSTRIACA Host

44. Female.

343342. SALIX CAESIA Vill.

90. Female.

343343. SALIX CANDIDA Fluegge ex Willd.

93. Female.

343344. SALIX × COTTETII Kerner Salicaceae.

225. Male.

343345. SALIX DRUMMONDIANA Barratt ex Hook.

124. Female.

343346. SALIX GLABRA Scop.

141.

343347 and 343348. SALIX HASTATA L.

343347. 154. Female.

343348. 155. 'Wehrhahnii'. Male.

343349. SALIX HELVETICA Vill.

164.

343339 to 343357—Continued

343350. SALIX JAPONICA Thunb.

176. Female.

343351. SALIX LAPPONUM L.

185.

343352. SALIX PYRENAICA Gouan Salicaceae.

255.

343353. SALIX ROSMARINIFOLIA L.

263.

343354. SALIX × SIMULATRIX B. White

47.

343355. SALIX × SUBALPINA Forbes

41.

343356. SALIX TRISTIS Ait.

29. Male.

343357. SALIX VIMINALIS var. GMELINI (Pall.) Anderss. in DC.

264. Male.

343358 to 343430. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From Israel. Seed from single plant selections made 1968 by Amram Ashri, Faculty of Agriculture, The Hebrew University of Jerusalem, Rehovot. Numbered June 4, 1969.

Virginia Beit Dagan No. 4 (V4) × H.G.I. F_4.

343358. 1039–1.
343359. 1044–12.
343360. 1049–3.
343361. 1049–13.
343362. 1053–14.
343363. 1058–11.
343364. 1060–12.
343365. 1064–4.
343366. 1067–12.
343367. 1070–5. H.G.I. Indian variety.

V4 × Schwartz 21 (117). F_4. Resistant to pod rot.

343368. 1197–3.
343369. 1197–14.
343370. 1198–11.
343371. 1203–2.
343372. 1203–4.
343373. 1204–2.
343374. 1204–6.
343375. 1213–13.
343376. 1217–1.
343377. 1217–15.

Virginia Sihit Meshubahat (VSM) × Schwartz 21 (117). F_4. Resistant to pod rot.

343378. 1222–11.
343379. 1226–7.
343380. 1247–13.
343381. 1251–10.

Tatui 55 × VSM. F_4.

343382. 1306–14.
343383. 1310–3.
343384. 1318–6.

V4 × 117. F_4. Resistant to pod rot.

343385. 1488–13.
343386. 1489–2.
343387. 1489–5.
343388. 1489–10.

343358 to 343430—Continued

343389. 1489–11.
343390. 1489–15.
343391. 1490–1.
343392. 1490–7.
343393. 1490–11.
343394. 1490–10.
343395. 1494–4.
343396. 1494–6.
343397. 1494–14.
343398. 1496–1.
343399. 1496–4.
343400. 1496–8.
343401. 1496–14.
343402. 1496–16.
343403. 1496–18.
343404. 1497–2.
343405. 1497–16.
343406. 1497–14.
343407. 1497–17.
343408. 1505–7.
343409. 1505–12.
343410. 1505–13.
343411. 1507–16.
343412. 1508–3.
343413. 1508–6.
343414. 1508–10.
343415. 1511–2.
343416. 1511–5.
343417. 1512–9.

VSM × 117. F_3. Resistant to pod rot.

343418. 59–19–14.

Arachis nambiquare × unknown. F_5. Natural cross.

343419. 1533–6.
343420. 1533–9.

Spanish No. 9 × V4. F_4.

343421. 1535–4.
343422. 1535–15.

VSM × Spanish No. 9. F_4.

343423. 1537–1.
343424. 1537–9.

G2 × Spanish No. 9. F_4.

343425. 1542–4.
343426. 1542–6.
343427. 1542–8.
343428. 1543–3.

V4 × Congo. F_4. **Early.**

343429. 1548–12.
343430. 1548–15.

343431. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Uganda. Tubers presented by the Faculty of Agriculture, Makere University College, Kampala. Numbered June 10, 1969.

"Kenya Akiba'.

343432 to 343436. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From India. Seed presented by Dale Sechler, United States Agency for International Development, in cooperation with Orissa University of Agriculture, Bhubaneswar. Numbered June 16, 1969.

343432. NP 798 × CW 323.

343433. NP 798 × 'Kalayansona'.

343432 to 343436—Continued

343434. NP 798 × 'Lerma Rojo'.

343535. 'Sonalika' × UP302.

343436. UP 302.

343437 to 343439.

From Korea. Cuttings presented by the Institute of Forest Genetics, Office of Forestry, Omokuse, Suwon. April 1, 1969, through W. E. Cramer, Oxon Hill, Maryland. Numbered June 16, 1969.

343437. POPULUS ALBA L. Salicaceae. **White poplar.**

343438 and 343439. POPULUS × CANADENSIS Moench

343438. I–214.

343439. I–476.

343440 and 343441. POPULUS (hybrid). Salicaceae.

From France. Cuttings presented by M. Ride, Centre National de Recherches Agronomique, Pathologie, Versailles. Numbered June 17, 1969.

343440. S.6.2.

343441. S.P. 126.

343442 to 343444. HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From the Philippines. Seed presented by N. B. Mendiola, Manila through R. V. Allison, Everglades Experiment Station, Belle Glade, Florida. Numbered June 17, 1969.

Selections with spineless stems.

343442. A–59–80.

343443. NSDB 63–1.

343444. NSDB 63–11.

343445 to 343448.

From Union of Soviet Socialist Republics. Seed presented by the Vavilov All-Union Institute of Plant Industry, Leningrad. Numbered June 17, 1969.

343445. TRITICUM ARARATICUM Jakubz Gramineae.

K 31628. Armenia.

343446. TRITICUM DICOCCOIDES (Koern. ex Asch. & Graebn.) Aaronsohn Gramineae.

K 41965. Israel.

343447 and 343448. TRITICUM TIMOPHEEVII (Zhuk.) Zhuk. Gramineae.

343447. K 29566. Georgia.

343448. K 43065. France. 2n=56, octoploid.

343449. VIGNA SINENSIS (Torner) Savi Leguminosae.

Common cowpea.

From India. Seed produced by Regional Pulse Improvement Project, United States Agency for International Development, New Delhi. Numbered June 17, 1969.

P–576.

343450. SORBUS MATSUMURANA (Makino) Koehne Rosaceae.

From Sweden. Seed presented by Botanical Garden, Goteborg. Numbered June 17, 1969.

343451 and 343452. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

From Union of Soviet Socialist Republics. Seed presented by Vavilov All-Union Institute of Plant Industry, Leningrad. Numbered June 17, 1969.

343451. 'Rzhavskii'. Tolerant to angular leaf spot.

343452. 'Vyaznikovskii 37'. Tolerant to angular leaf spot.

343453. CARICA PAPAYA L. Caricaceae. **Papaya.**

From Texas. Seed obtained from E. Adamsen, McAllen. Numbered June 17, 1969.

Possible tetraploid.

343454 to 343456.

From Union of Socialist Republics. Seed presented by the Vavilov All-Union Institute of Plant Industry, Leningrad. Numbered June 17, 1969.

343454. ISATIS BOISSIERIANA Reichb. f. Cruciferae.

343455. ISATIS EMARGINATA Kar. & Kir.

343456. GOLDBACHIA LAEVIGATA (Bieb.) DC. Cruciferae.

343457. CEDRUS LIBANII A. Rich. Pinaceae. **Cedar-of-Lebanon.**

From Lebanon. Seed collected by R. B. Maloy, United States Embassy, Brussels, Belgium. Numbered June 17, 1969.

343458. POPULUS WILSONII C. Schneid. Salicaceae.

From Scotland. Scions presented by Royal Botanic Garden, Edinburg. Numbered June 17, 1969.

343459 and 343460. BRASSICA CARINATA A. Br. Cruciferae.

From Ethiopia. Seed presented by Melak H. Mengesha, Haile Selassie I University, Agricultural Experiment Station, Debre Zeit. Numbered June 17, 1969.

343459. Debra Zeit market.

343460. Jimma market.

343461 to 343471.

From Argentina. Seed presented by La Division de Exploraciones y Introduction de Plantas, Direcion General Fomento Agricola, Buenos Aires. Numbered June 17, 1969.

343461. AMARANTHUS MANTEGAZZIANUS Passer Amaranthaceae.
'Chaclion'.

343462. COSMOS SULPHUREUS Cav. Compositae. **Yellow cosmos.**

343463. FOENICULUM VULGARE Mill. Umbelliferae. **Fennel.**
'Hinojo de Sajonia'.

343464. MADIA SATIVA Molina Compositae. **Tarweed.**

343465. NICOTIANA RUSTICA L. Solanaceae. **Aztec tobacco.**

343466. OCIMUM KILIMANDSCHARICUM Gurcke Labiatae.

343467. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**
'Tartago ornamental'.

343468. SAPONARIA OFFICINALSIS L. Caryophyllaceae.
'Jabonera'.

343469. TARAXACUM KOK-SAGHYZ Rodin Compositae. **Dandelion.**

343461 to 343471—Continued

343470. TIPUANA TIPU (Benth.) Kuntze Leguminosae. **Tipu-tree.**
'Tipa'.

343471. TRACHYCARPUS FORTUNEI (Hook.) Wendl. Palmae. **Windmill palm.**

343472 to 343685.

From Union of Soviet Socialist Republics. Seed presented by the Vavilov All-Union Institute of Plant Industry, Leningrad. Numbered June 23, 1969.

343472 and 343473. BRASSICA OLERACEA L. Cruciferae. **Wild cabbage.**

343472. K–214. Austria.

343473. K–289. England.

343474 to 343483. BRASSICA OLERACEA var. BOTRYTIS L. **Cauliflower.**

343474. K–43. 'Early White'. England.

343475. K–531. 'Moscow Preserving'.

343476. K–576. 'Snezinka'.

343477. K–592. 'Otechestvennaya'.

343478. K–593. 'Urozhainaya'.

343479. K–618. 'Cambridge Dwarf April'. England.

343480. K–619. 'Cambridge Hardy Late'. England.

343481. K–620. 'Malmaison'. France.

343482. K–626. 'Early Patna'. India.

343483. K–657. 'Nozakiwase'. Japan.

343484 to 343668. BRASSICA OLERACEA var. CAPITATA L. **Cabbage.**

343484. K–120. 'Garo 741'. Red.

343485. K–121. 'Stone Head 447'. Red.

343486. K–176. 'Moscow Late 15'.

343487. K–184. 'Belorusskaya 455'.

343488. K–192. 'Ruhm von Enkhuizen'. Weibull, Sweden.

343489. K–224. Local. Uzbekistan.

343490. K–230. 'Vienna Early 1376'. Savoy.

343491. K–232. 'Vertyu 1340'. Savoy.

343492. K–461. 'Slava Gribovskaya 231'.

343493. K–462. 'Braunschweig 423'.

343494. K–566. Local. Kazakhstan.

343495. K–795. Local. The Ukraine.

343496. K–1428. 'Kashirka 202'.

343497. K–1536. 'Burjucerutskaya 138'.

343498. K–1543. 'Slava 1305'.

343499. K–1544. 'Stahanovka 1513'.

343500. K–1669. 'De Fritz AM–6'.

343501. K–1725. 'Vondorurskaya'.

343502. K–1736. 'Number One K–206'.

343503. K–1826. 'Klykovka'.

343472 to 343685—Continued

343484 to 343668—Continued

343504. K–1829. 'Amager 611'.

343505. K–1830. 'Number One 147'.

343506. K–1831. 'Valvatevskaya 145'.

343507. K–1837. 'Likurishka 498/15'.

343508. K–1916. 'Kolhoznica 2001'.

343509. K–1918. 'Belorusskaya 85'.

343510. K–1919. 'Jubilee 29'.

343511. K–1920. 'Loshiekaya 96'.

343512. K–1967. 'Volgograd 42'.

343513. K–1973. 'Vasilevskaya'.

342514. K–1997. 'Buzey'. Rumania.

343515. K–1998. 'Buzovka 147'.

343516. K–1999. 'Zavadovsk 257/263'.

343517. K–2003. 'Autumn Gribovskaya 320'.

343518. K–2004. 'Winter Gribovskaya'.

343519. K–2024. 'Shakhterka'.

343520. K–2025. 'Derbentskaya'.

343521. K–2026. 'Plotnokocannaya'.

343522. K–2031. 'Dymersk 7'.

343523. K–2038. 'Stepnaya Havskaya'.

343524. K–2042. 'Ahtynskaya'. Local.

342525. K–2056. 'Posopskaya'.

343526. K–2070. 'Ladozhskaya DS 8395'.

343527. K–2074. 'Bagirskaya'.

343528. K–2076. 'Lugansk 7'.

343529. K–2078. 'Braunschweig'. The Ukraine.

343530. K–2079. 'Dushanbinskaya'.

343531. K–2089. 'Primorsk Late 50'.

343532. K–2108. 'Podarok 2500'.

343533. K–2112. 'Tstobenskaya'.

343534. K–2115. Local. Krasnojarsk Territory.

343535. K–2116. Local. Krasnojarsk Territory.

343536. K–2124. Local. Georgia.

343537. K–2126. Local. Armenia.

343538. K–2138. Savstaholm, Sweden.

343539. K–2149. 'Birzula'.

343540. K–2154. Local. Vologda region.

343541. K–2155. 'Kazanka'.

343542. K–2156. 'Kirovskaya'.

343543. K–2158. 'Amager Winter'. Wis/42. Sweden.

343544. K–2159. 'Braunshweiger'. Rumania.

343472 to 343685—Continued

343484 to 343668—Continued

343545. K–2161. 'Nagveesidi Tayfayta'. Hungary.
343546. K–2184. Local. Krasnojarski Territory.
343547. K–2185. Local. Krasnojarski Territory.
343548. K–2189. 'Byce serdce'.
343549. K–2208. 'Kubyshka'.
343550. K–2211. 'Kievskaya'.
343551. K–2212. 'Yuzhanna 31'.
343552. K–2215. 'Uzbekistan 133'.
343553. K–2227. 'Skorospelka 3'.
343554. K–2229. 'Blejera 4'.
343555. K–2266. 'Slowburst'. Australia.
343556. K–2267. 'Zhurba'.
343557. K–2283. 'Zimava Z Mor'.

Bulgaria.

343558. Bp 508. Local.
343559. Bp 510. Local.
343560. K–1004. 'Lukurishka'.
343561. K–1400. 'Plevensko Cirso'.
343562. K–1991. 'Dobensko 5'.
343563. K–1994. 'Marnopol'.
343564. K–2093. 'Ivailovsk Pink'.

China.

343565. K–431. Local.
343566. K–2095. Local.
343567. K–2098. 'Dapinto'.
343568. K–2147. 'Er-u-e'.
343569. K–2177. 'Ban-da-ku'.
343570. K–2178. 'Nju-sin-czy'.
343571. K–2231. 'Zuncanganlan'.

Czechoslovakia.

343572. K–47. 'Detenice Detenicka'. Savoy; late.
343573. K–338. 'Predzvest'. Savoy.
343574. K–1903. 'Pourova'. Late.
343575. K–2200. 'Krimicre'.
343576. K–2201. 'Amager'.
343577. K–2284. 'Pourova Winter'.
343578. K–2285. 'Klokotsre'.

Denmark.

343579. K–111. 'Kissendrup'. Red.
343580. K–112. 'Amager'. Red.
343581. K–190. 'Langendijik Autumn'.
343582. K–297. 'Tronchuda'.

343472 to 343685—Continued

343484 to 343668—Continued

343583. K–1485. 'Amager'. Short stemmed original.
343584. K–2135. 'Winnigstadt'.
343585. K–2157. 'Danish Ballhead'. ('Amager' tall stemmed).
343586. K–2195. 'September'.
343587. K–2242. 'Toltigaard'.

England.

343588. K–211. 'Sutton's Best of All'. Drumhead savoy.
343589. K–1056. 'Sutton's Flower of Spring'.
343590. K–1059. 'Early Rainham'.
343591. K–1067. 'Sutton's Selected Hardy Colewort'.
343592. K–1072. 'Sutton's Favourite.
343593. K–1239. 'Colewort Leeds Xmas'.

France.

343594. K–2. 'Express'.
343595. K–4. 'Petit Hatif de Dieppe'. Savoy.
343596. K–8. 'Pomme Plat de Paris'.
343597. K–9. 'Victoria'. Savoy.
343598. K–13. 'Rouge Gros'.
343599. K–16. 'Coeur de Boeuf gros'.
343600. K–22. 'Joanet (Nantais) gros'.
343601. K–31. 'Quintal d'Alsace'.
343602. K–35. 'De Vanguard d'hiver'.
343603. K–337. 'Pointu Perce-neige'. Savoy.

Germany.

343604. K–186. 'Hennemann's Early'. Red.
343605. K–247. 'Schnitt Gelber Butter'. Savoy.
343606. K–271. 'Hammer Kauser'. Deep green, savoy.
343607. K–293. 'Bluegreen Winter'. Savoy.
343608. K–319. 'Vertus'. Savoy.
343609. K–325. 'Vorbote'. Savoy.
343610. K–338. 'Gluckstadter'.
343611. K–339. 'Braunschweiger'. Large flat white.
343612. K–545. 'Amager Short Stem'.
343613. K–1846. 'Dauerweiss'.
343614. K–1965. 'Erstling'.
343615. K–2012. 15601.
343616. K–2210. 'August Kohl'.
343617. K–2226. 'Dithmarschve Fruhstamm'.

India.

343618. K–450. 'Drumhead'.
343619. K–451. 'Early Drumhead'.
343620. K–2278. 'Sutton's Pride of India'.

343472 to 343685—Continued

343484 to 343668—Continued

Italy.

343621. K–2144. 'Nana Primaticcio'.
343622. K–2145. Local.
343623. K–2146. 'Canico'.
343624. K–2169. 'Cuore di Bue'.

Japan.

343625. K–704. 'Tomoe-Omaru'.
343626. K–705. 'Tomoe-Shin I'.
343627. K–706. 'Sappsotaikya'.
343628. K–2214. 'Sapporo Large'.
343629. K–2221. 'Nozaki Nacumaki 3'.
343630. K–2262. 'Nanbu'.
343631. K–2263. 'Komija Banli'.

Netherlands.

343632. K–59. 'Langendijker'. Original; early fall.
343633. K–106. 'Zenith'. Red.
343634. K–115. 'Erfurter'. Early, blood-red.
343635. K–166. 'Slusia'. Original; earliest, red.
343636. K–178. 'Meteor Early'. Red.
343637. K–180. 'Langendijker'. Original; winter, red.
343638. K–187. 'Langendijker'. Early, red.
343639. K–189. 'Kitzinger'. Savoy, early.
343640. K–311. 'Yellow Longendijker'. Savoy. Original early green.
343641. K–313. Original late green wintering Savoy.
343642. K–335. 'Novum'. Savoy.
343643. K–336. 'Earliest Dutch Ball Head'. Savoy.
343644. K–341. 'Langendijker'. Savoy. Original; yellow green.
343645. K–354. 'Ruhm von Enkhuizen'.
343646. K–358. 'Lignitzer'. Hard head.
343647. K–1129. 'Copenhagen Market'.
343648. K–1366. 'Strassaurger'.
343649. K–1493. 'Braunschweiger'.
343650. K–1497. 'Budericher'.
343651. K–1978. 'Success'. Long's original.
343652. K–2130. 'Langendijker'. Fall.
343653. K–2133. 'Langendijker'. Storage.
343654. K–2141. 'Langendijker'. Winter.
343655. K–2281. 'Spiko A'.

Norway.

343656. K–1181. 'Amager Faales Blaatapp'.
343657. K–1182. 'Amager Rossebosst'.
343658. K–1185. 'Tronder'.

343472 to 343685—Continued

343484 to 343668—Continued

343659. K–2173. 'Slaup 17'. Original.

343660. K–2175. 'Slavanger Torv'.

343661. K–2176. 'Hinna Amager'.

343662. K–2190. 'Latunsalgets Vinterkal'. Original.

342663. K–2191. 'Kryssing 75'.

343664. K–2232. "Tronder Enevoldsenst'.

343665. K–2248. 'Amager L.N.F.'. Original.

Yugoslavia.

343666. K–2165. 'Pozheski'.

343667. K–2166. 'Sinjski'.

343668. K–2167. 'Varaz-dinasko'.

343669 to 343675. BRASSICA OLERACEA var. GEMMIFERA DC. **Brussels sprouts.**

343669. K–98. 'Amager Kastrup'. Denmark.

England.

343670. K–44. 'Asawell'.

343671. K–46. 'Northern Pride'.

343672. K–128. 'Cambridge 3'.

343673. K–133. 'Cambridge Special'.

Germany.

343674. K–61. 'Halbhoher Mosbacher'. Winter, light green.

343675. K–270. 'Lerchenzunger'.

343676 to 343681. BRASSICA OLERACEA var. GONGYLOIDES L. **Kohlrabi.**

343676. K–62. 'Ahul'. Georgia local.

343677. K–65. 'Chau-su-zum'. China.

343678. K–214. 'Prague Market'. Denmark. Purple.

Czechoslovakia.

343679. K–75. Va60.

343680. K–168. 'Kozmanova'. Blue.

343681. K–171. 'Matouskova Modra'.

343682. BRASSICA sp. Cruciferae.

K–84. 'Chou Branchu du Poitou'. France.

343683. BRASSICA sp.

K–129. 'Chou Branchu du Poitu'. France.

343684. BRASSICA sp. Cruciferae.

K–261. 'Cernaya Phali'. Azerbaijan.

343685. BRASSICA sp.

K–278. 'Vologodsk'. Vologoda region. Green.

343686. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Mauritius. Cuttings presented by the Mauritius Sugar Industry Research Institute, Port Louis. Numbered June 25, 1969.

'Mauritius Guingham'.

343687 to 343698.

From England. Seed presented by A. F. Mitchell, Research Division, Alice Holt Lodge, Wrecclesham, Farnham, Surrey. Numbered June 25, 1969.

343687. CRATAEGUS lavallei Herincq ex Lav. Rosaceae.

343688. CRATAEGUS TANACETIFOLIA (Lam.) Pers.

343689. SORBUS CASHMIRIANA Hedl. Rosaceae.

343690. SORBUS DISCOLOR (Maxim.) Hedlund.

White fruit.

343691. SORBUS HUPEHENSIS Schneid.

343692. SORBUS MATSUMURANA (Makino) Koehne

343693. SORBUS POHUASHANENSIS (Hance) Hedl.

343694. SORBUS PRATTII Koehne

343695. SORBUS SCALARIS Koehne

343696. SORBUS VILMORINII C. Schneid.

343697. SORBUS WILSONIANA Schneid.

343698. SORBUS ZAHLBRUCKNERI Schneid.

343699 to 343705.

From Nigeria. Seed presented by K. R. Stockinger, Institute for Agriculture Research, Ahmadu Bello University, Zaria. Numbered June 25, 1969.

343699 to 343701. CUCUMIS PUSTULATUS Hook. f. Cucurbitaceae.

343699. No. 1.

343701. No. 3.

343700. No. 2.

343702. LUFFA ACUTANGULA (L.) Roxb. Cucurbitaceae. **Singkwa towelgourd.**

42/63. Seed black.

343703. LUFFA CYLINDRICA (L.) Roemer **Suakwa towelgourd.**

80/63. Local sponge. Seed white.

343704. LUFFA sp.

91/63. Seed white.

343705. LUFFA sp.

Local sponge. Fovi Kagoma, seed black.

343706. ERYNGIUM PLANUM L. Umbelliferae.

From Union of Soviet Socialist Republics. Seed presented by Hortus Botanicus Sibericus, Tomsk. Numbered June 25, 1969.

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343707. SORBARIA AITCHISONII Hemsl. Rosaceae.

From Germany. Seed presented by Botanischer Garten der Universitat, Freiburg. Numbered June 25, 1969.

343708. TRIFOLIUM PRATENSE L. Leguminosae. **Red clover.**

From New York. Seed held at the Regional Plant Introduction Station, Geneva, N. Y. Numbered June 26, 1969.

Contaminant from P.I. 266044. Plants erect, medium type, vigorous; stems medium coarse, medium leafiness. Tolerant to northern anthracnose *Kabatiella caulivora* (Kirch.) Karak.

343709. ARACHIS HYPOGAEA L. Leguminosae. **Peanut.**

From Australia. Seed presented by the Producers Co-operative Distributing Society, Milton, Brisbane. Numbered June 26, 1969.

'Red spanish'. VB and RS grades.

343710. MANGIFERA INDICA L. Anacardiaceae. **Mango.**

From Israel. Budsticks presented by the Volcani Institute of Agricultural Research, Beit Dagan. Numbered June 27, 1969.

'Nimrod'.

343711 and 343712. PRUNUS SALICINA Lindl. Rosaceae. **Japanese plum.**

From Taiwan. Seed presented by the Department of Horticulture, National Taiwan University, Taipei. Numbered June 30, 1969.

343711. 'Tao-chie'.

343712. Red flesh.

343713 to 343716.

From Saudi Arabia. Seed collected in Riyadh by Henry Field, Coconut Grove. Miami, Florida. Numbered July 1, 1969.

343713 and 343714. HORDEUM VULGARE L. Gramineae. **Common barley.**

343713. No. 1.

343714. No. 2.

343715 ad 343716. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

343715. No. 1.

343716. No. 2.

343717 to 343720. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Malaysia. Cuttings presented by the Faculty of Agriculture, University of Malaysia, Kuala Lumpur. Numbered July 3, 1969.

343717. 68/010/SR.

343718. 68/001/SR.

343719. 68/012/SR.

343720. 68/018/SR.

343721. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From the Somali Republic. Tubers presented by Joseph Maranto, United States Agency for International Development, Somalia. Numbered July 10, 1969.

Local variety with purple skin and white flesh. Reportedly sweet potato weevil resistant.

343722 to 343732.

From England. Seed presented by the Rothwell Plant Breeders Limited, Lincolnshire. Numbered July 10, 1969.

343722. AVENA SATIVA L. Gramineae. **Common oats.**

'Selma'.

343723 to 343728. HORDEUM VULGARE L. Gramineae. **Common barley.**

343723. 'Akka'.

343724. 'Clermont'.

343725. 'Crusader'.

343726. 'Malta'.

343727. 'Tellus'.

343728. 'Tern'.

343722 to 343732—Continued

343729 to 343732. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

343729. 'Cama'.

343730. 'Kolibri'.

343731. 'Piraprel 735'.

343732. 'Piraprel 783'.

343733 to 343735. PHASEOLUS VULGARIS L. Leguminosae
Common bean.

From Australia. Seed presented by Director of Agriculture, Department of Primary Industries, Brisbane. Numbered July 10, 1969.

Rust resistant, white seeded, bush type dry beans.

343733. 'Burnia'. Selection from California Small White × Sanilac. Early maturing, less vigorous than 'Kerman'. Seed small.

343734. 'Gallaroy'. Selection from California Small White × Sanilac. Early-maturing bush type, more erect than 'Kerman', and with larger seed.

343735. 'Kerman'. Selection from California Small White × Sanilac. Vigorous, late-maturing, high-yielding bush type. Seed small to medium. Reported resistant to rust.

343736 to 343738. TRITICUM AESTIVUM L. Gramineae.
Common wheat.

From Ecuador. Seed presented by Hugo Orellana, Santa Catalina Experiment Station, Quito. Numbered July 10, 1969.

343736. 'Amazonas'.

343737. 'Atacazo'.

343738. 'Ruminahui'.

343739. ECBALLIUM ELATERIUM (L.) A. Rich. Cucurbitaceae.
Squirting cucumber.

From Greece. Seed collected by H. S. Gentry, plant explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Numbered July 10, 1969.

In stony soil of roadside banks, about 50 km. north of Athens. Elevation 30 to 60 m. Perennial vines with small to large roots, up to 2 kg. in weight.

343740 to 343744. TRITICUM AESTIVUM L. Gramineae.
Common wheat.

From Poland. Seed presented by Hodowle Roslin Choryn pow, Koscian. Numbered July 10, 1969.

343740. 'Nadgoplanka'.

343741. 'Nagradowicka'.

343742. 'Opolska'.

343743. 'Ostka Popularna'.

343744. 'Rokicka'.

343745 to 343762.

From East Germany. Seed presented by Albrecht Meinel, Cereal Breeder, Bonnshausen-Langenstein, Blankenburg (Harz). Numbered July 10, 1969.

343745 and 343746. AVENA SATIVA L. Gramineae. **Common oats.**

343745. 'Flamingweis II'.

343746. 'Romolus'.

343747 to 343754. HORDEUM VULGARE L. Gramineae. **Barley.**

Spring type.

343747. 'Alsa'.

343748. 'Astacus'.

343749. 'Ciro'.

343750. 'Plena'.

343745 to 343762—Continued

343747 to 343754—Continued

Winter type.

343751. 'Dominator'.

343752. 'Merkator'.

343753. 'Undine'.

343754. 'Xenia'.

343755 to 343762. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

Spring type.

343755. 'Carola'.

343756. 'Ramses'.

Winter type.

343757. 'Eros'.

343758. 'Fanal'.

343759. 'Hochland'.

343760. 'Pilot'.

343761. 'Poros'.

343762. 'Qualitas'.

343763 to 343765. HELIANTHUS ANNUUS L. Compositae. **Sunflower.**

From France. Seed presented by P. Le Clercq, Station d'Amelioration des Plantes, Clermont-Ferrand. Numbered July 11, 1969.

Cytoplasmic male-sterile lines (Cms) and corresponding maintainer lines.

343763. Cms V 8883 M 6.2.3.2.1 C 4.2 (A–line)–V 8883 M 6.2.3.2.1 C 4.2 (B–line).

343764. Cms A 9345 M 2.1.3.3.3 C 1.1 (A–line)–A 9345 M 2.1.3.3.3 C 1.1 (B–line)

343765. Cms Cern Ce 2.1.1 C 7.1 (A–line)–Cern Ce 2.1.1 C 7.1 (B–line).

343766 and 343767.

From Korea. Seed presented by the Forest Research Institute, Seoul. Numbered July 14, 1969.

343766. CHIONANTHUS RETUSUS Lindl. Oleaceae. **Chinese fringetree.**

343767. PINUS KORAIENSIS Sieb. & Zucc. Pinaceae. **Korean pine.**

343768. RUBUS sp. Rosaceae.

From Peru. Seed collected July 1968 by T. R. Dudley, National Arboretum, Washington, D. C. Numbered July 14, 1969.

10775. Cordillera Vilcabamba, Cuzco, 20 km. northeast of Hacienda Luisiana and Apurimac River. Elevation 2,600 m. Terrestrial vine in cloud forest thicket below open landslide. Young leaves bronze red turning dark green; young thorns recurved, straw color turning red. Flower to 19 mm. across, deep pink; fruit hairy 25 mm. long and wide, bright red, separates readily from the torus, raspberry flavored.

343769 to 343821.

From Iran. Seed collected June 1969 by P. F. Knowles, University of California. Numbered July 14, 1969.

343769 to 343771. CARTHAMUS OXYACANTHUS Bieb. Compositae.

343769. W–25. Along road Andimeshk to Ahwaz, 1 km. north of Abdul Kham. Single plant. Webby pubescence; no rust or downy mildew present.

343770. W–26. Near rice plot, Ahwaz Experiment Station. Single plant.

343771. W–45. Moghan. Supplied by Plant and Seed Improvement Center, Varmen.

343769 to 343821—Continued

343772 to 343783. CARTHAMUS TINCTORIUS L. **Safflower.**

334772. W–1. Bazaar at Shahr Rey south of Tehran.

343773. W–2. Bazaar at Shahr Rey south of Tehran.

343774. W–34. Market in Isfahan. Susceptible to *Phytophthora* root rot. Progeny of hybrids from crosses with *C. oxycantha* appear resistant; mostly late, tall, red flowered.

Supplied by Oilseeds Research and Development Company.

343775. W–36. Arak on road to Isfahan 200 km. south of Tehran. Some resistance to *Phytophthora* root rot.

343776. W–37. Isfahan. Good production.

343777. W–38. Maran, near Tabriz. Resistant to *Phytophthora* root rot.

Supplied by Varamin Plant and Seed Improvement Center, origins indicated. Local name "Golrang".

343778. W–39. Jirooft, southeast Iran.

343779. W–40. Isfahan.

343780. W–41. Iranshar, southeast Iran.

343781. W–42. Moghan, west of Caspian Sea.

343782. W–43. Fars, southern Iran.

343783. W–44. Rezahie, Northwest Iran.

343784 to 343812. HELIANTHUS ANNUUS L. Compositae. **Sunflower.**

343784. W–3. Bazaar in Dezful. Used locally as a nut. Khuzestan Water and Power Authority Field Trial Station, Safiabad. Selections of 'Tchernianka'. Short, early.

343785. W–4.

343786. W–5.

343787. W–6.

343788. W–7.

343789. W–8.

343790. W–9.

343791. W–10.

343792. W–11.

343793. W–12.

343794. W–13.

343795. W–14.

343796. W–15.

343797. W–16.

343798. W–17.

343799. W–18.

343800. W–19.

343801. W–20.

343802. W–21.

343803. W–22.

343804. W–23.

343805. W–27. Certified seed from Romania used in commercial planting in Iran, 1969.

343806. W–28. Gorgan. Local variety.

343807. W–29. Rafsanjan. Local variety.

343808. W–30. Rafsanjan. Local variety.

343809. W–31. Rafsanjan. Local variety.

343810. W–32. 'Tchernianka 66'. Dwarf, early.

343811. W–33. 'Orizant'. Romania. Reported high oil content.

343812. W–33. 'Old Tchernianka'. Mass selection. Short, early.

343769 to 343821—Continued

343813 to 343821. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**

343813. W–24. Khuzestan Water and Power Authority Field Trial Station, Safiabad. Local variety better adapted than introduced varieties.

Plant and Seed Improvement Center, Varamin.

343814. W–46. Local mass selection. Single stem, good yield, resistant to *Phytophthora* root rot.

343815. W–47. Resahie, Northwest Iran.

343816. W–48. Moghan.

343817. W–49. Mashad.

343818. W–50. Iranshar, Southeast Iran.

343819. W–51. Sestan, Southeast Iran.

343820. W–52. Jirooft, Southeast Iran. Branched, complete resistance to *Phytophthora* root rot.

343821. W–53. Isfahan.

343822 to 343824.

From Uganda. Seed collected by Quentin Jones, Plant Science Research Division, Beltsville, Maryland. Numbered July 16, 1969.

343822. ECHINOPS sp. Compositae.

Col. 69103. Ankole District, 11.27 km. northeast of Bukinda. Single-stemmed perennial with one flowering head 10 to 15 cm. diameter, florets and subtending bracts bronze purplish. Thrives at 1,500 to 1,800 m. elevation, very ornamental.

343823. PHASEOLUS VULGARIS L. Leguminosae **Common bean.**

Col. 6945. West of Nairobi Dam lake. Intermixed with maize and sweetpotatoes in small garden plot. Bush 15 to 25 cm. tall, pods 8 to 15 cm. long. Solid-colored seed from uniformly beige pods, mottled seed from mottled pods.

343824. PISUM SATIVUM L. Leguminosae. **Garden pea.**

Col. 6946. West of Nairobi Dam Lake. Small garden plot in admixture with beans. Pod 5 to 8 cm. long, seed tightly packed, smooth, sweet. Mature plants heavily infested with powdery mildew.

343825 to 343827. PLANTAGO OVATA Forsk. Plantaginaceae. **Plantain.**

From Arizona. Seed presented by G. D. Searle and Company, Chicago, Illinois. Numbered July 16, 1969.

343825. 'Indian 304'.

343826. 'Mexican 2/2'.

343827. 'Searle Arizona'.

343828. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From New York. Seed grown at the Regional Plant Introduction Station, Geneva. Numbered July 16, 1969.

G–18786. 'Bellevue Busk'. Horticulture Section, Ottawa Research Station, Canada Department of Agriculture. Plant 41 cm. tall by 46 cm. wide, determinate, 75 days to bloom, 123 days to ripe fruit. Fruit 7 to 8 per cluster often three adjacent on stem, flat globe 5.3 cm. by 7.0 cm., 3 to 7 locules, blotchy ripening, brown necrotic spots under skin. Very susceptible to white fly.

343829. PISUM SATIVUM L. Leguminosae. **Garden pea.**

From Washington. Seed presented by Gerold Miller, Garfield, through V. E. Wilson, Washington State University, Pullman. Numbered July 16, 1969.

343829—Continued

PL RRR–1. Grangeville, Idaho. Resistant to common strains of *Fusarium* and *Rhizoctonia* root rots; some tolerance to Mt. Vernon strain of *Fusarium*.

343830. CASSIA (hybrid) Leguminosae.

From Australia. Seed presented by W. G. Hazlewood, Epping, New South Wales. Numbered July 16, 1969.

C. bicapsularis × *C. corymbosa*. Mountainous area of severe frosts and some snow. Three month flowering periods twice per year.

343831. VICIA FABA L. Leguminosae. **Broadbean.**

From Washington. Seed selected at the Regional Plant Introduction Station, Pullman. Numbered July 16, 1969.

Contaminant found in an accession from Afghanistan. Well adapted to Pullman area.

343823 to 343839. ORYZA SATIVA L. Gramineae. **Rice.**

From Japan. Seed presented by Shiro Okabe, National Institute of Agricultural Sciences, Hiratsuka Kanagawa. Numbered July 16, 1969.

343832. 'Fukusuke'.
343833. 'Kotominori'.
343834. 'Nakate-Shinsenbon'.
343835. 'Shuho'.
343836. 'Sorachi'.
343837. 'Towada'.
343838. 'Yamabiko'.
343839. 'Yamakogane'.

343840. ORYZA SATIVA L. Gramineae. **Rice.**

From Australia. Seed presented by the Plant Introduction Officer, Department of Agriculture, Sydney. Numbered July 16, 1969.

'Wombat'.

343841 to 343843. PENNISETUM SPICATUM (L.) Willd. Gramineae. **Pearl millet.**

From Senegal. Seed presented by Center de Recherches Agronomiques, Bambey. Numbered July 16, 1969.

343841. 'Mil de Sefa'.
343842. 'PC 28'.
343843. 'Sanio Bambey'.

343844 to 343928. LINUM USITATISSIMUM L. Linaceae. **Common flax.**

From France. Seed presented by F. Plonka, Central Station for Genetics and Plant Improvement, Versailles. Numbered July 16, 1969.

343844. C.I. 2682. Bulgaria. Bulgare a hulle.
343845. C.I. 2683. Bulgaria. Karnoba–9.
343846. C.I. 2684. Bulgaria. Karnoba–25.
343847. C.I. 2685. Bulgaria. Karnoba–EH 69.
343848. C.I. 2686. Bulgaria. Karnoba–1065.
343849. C.I. 2687. Bulgaria. Karnoba–1410 1.1.
343850. C.I. 2688. Bulgaria. Karnoba–1410 1.7.
343851. C.I. 2689. Bulgaria. Karnoba–1591 1.6.
343852. C.I. 2690. Bulgaria. Karnoba–1591 1.9.
343853. C.I. 2691. Chile. Comun de Diaz.
343854. C.I. 2692. Chile. Comun de Quetalmalme.
343855. C.I. 2693. Chile. Comun de Quillota 1.5.

343844 to 343929—Continued

343856. C.I. 2694. Chile. Comun de Quillota 1.6.
343857. C.I. 2695. France. Crocus (437).
343858. C.I. 2696. France. Lila (E 590).
343859. C.I. 2697. France. E 776.
343860. C.I. 2698. France. Gentiane (H19).
343861. C.I. 2699. France. Hiver Centre Quest.
343862. C.I. 2700. France. HL 01.
343863. C.I. 2701. France. Lin a grosses graines Vilmorin No. 1.
343864. C.I. 2702. France. Lina de Safi Vilmorin No. 2.
343865. C.I. 2703. France. Lin a grosses graines Vilmorin 1.6.
343866. C.I. 2704. France. Lin a grosses graines Vilmorin 1.7.
343867. C.I. 2705. France. Ocean.
343868. C.I. 2706. France. Rennes 1.8.
343869. C.I. 2707. France. Rennes 1.17.
343870. C.I. 2708. France. Rennes 23.8.
343871. C.I. 2709. Hungary. Bela Elek F496.
343872. C.I. 2710. Hungary. Udvaros fele 822.
343873. C.I. 2711. Cyprus. Cyprus.
343874. C.I. 2712. Crete. Ile de Crete.
343875. C.I. 2713. Italy. Hiver de Cre'mone.
343876. C.I. 2714. Italy. Printemps de Cre'mone.
343877. C.I. 2715. Morocco. LG 01 1.1.
343878. C.I. 2716. Morocco. LG 01 1.8.
343879. C.I. 2717. Morocco. LG 100.
343880. C.I. 2718. Morocco. LG 153.
343881. C.I. 2719. Morocco. LG 0189.
343882. C.I. 2720. Morocco. LG 0196.
343883. C.I. 2721. Morocco. Moroc.
343884. C.I. 2722. Morocco. Maroc de Gemloux 1.7.
343885. C.I. 2723. Morocco. Maroc de Gemloux 1.10.
343886. C.I. 2724. Morocco. Rabat 1.1.
343887. C.I. 2725. Morocco. Rabat 1.2.
343888. C.I. 2726. Morocco. Safi 1.1–1–5.
343889. C.I. 2727. Morocco. Safi 1.1–1–1.
343890. C.I. 2728. Morocco. Safi 1.1–2–2.
343891. C.I. 2729. Uruguay. La Estanzuela 84–10 m Rg 261.
343892. C.I. 2730. Uruguay. La Estanzuela 117 Rg 224.
343893. C.I. 2731. Uruguay. La Estanzuela 125 Rg 222 1.5.
343894. C.I. 2732. Uruguay. La Estanzuela 125 Rg 222 1.7.
343895. C.I. 2733. Uruguay. La Estanzuela E 2Y 3 1.3.
343896. C.I. 2734. Uruguay. La Estanzuela Sacavem.
343897. C.I. 2735. Uruguay. Lino 540 La Estana AR 81.022.

343844 to 343929—Continued

343898. C.I. 2736. Uruguay. Lino 541 La Estana 9b.
343899. C.I. 2737. Uruguay. Lino 542 La Estana 125.
343900. C.I. 2738. Uruguay. HN dans La Estanz 1.3.
343901. C.I. 2739. Uruguay. HN dans La Estanz 1.4.
343902. C.I. 2740. Uruguay. Malabrigo 1.7.
343903. C.I. 2741. Uruguay. Repetible 30–33.
343904. C.I. 2742. Uruguay. Repetible 84.
343905. C.I. 2743. Uruguay. Repetible 117.
343906. C.I. 2744. Uruguay. Repetible 117 1.2.
343907. C.I. 2745. Uruguay. Repetible 117 Rg 237.
343908. C.I. 2746. Uruguay. Repetible 117 Rg 241.
343909. C.I. 2747. Soviet Union. Kostroma rose 1.3.
343910. C.I. 2748. Soviet Union. Kostroma rose 1.5.
343911. C.I. 2749. Venezuela. Lino de Cabiro.
343912. C.I. 2750. Venezuela. Lino de Samare 1.4.
343913. C.I. 2751. Venezuela. Lino de Samare 1.3–4.
343914. C.I. 2752. Venezuela. Lino de Samare 1.8–5.
343915. C.I. 2753. Yugoslavia. River de Yougosl. 1.4–4.
343916. C.I. 2754. Yugoslavia. River de Yougosl. 1.6–3.
343917. C.I. 2755. Yugoslavia. River de Yougosl. 205/48 1.3.
343918. C.I. 2756. Yugoslavia. River de Yougosl. 205/48 1.4.
343919. C.I. 2757. Latvia. Stendez.
343920. C.I. 2758. Latvia.
343921. C.I. 2759. Latvia.
343922. C.I. 2760. Latvia.
343923. C.I. 2761. Latvia.
343924. C.I. 2762. Latvia.
343925. C.I. 2763. Latvia.
343926. C.I. 2764. Origin unknown. Bombay R88.
343927. C.I. 2765. Origin unknown. Karbin 1.1–7.
343928. C.I. 2766. Origin unknown. K 1.1–4.

343929 to 343942.

From Ethiopia. Seed collected by Quentin Jones, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Numbered July 28, 1969.

343929. CAPSICUM FRUTESCENS L. Solanaceae. **Redpepper.**

6918. 'Berberi'. Main market, Addis Ababa. Dried fruit about 10 to 13 cm. long by 1.1 to 2.5 cm. wide, purple red, uniform. Said to be very hot.

343930. CARTHAMUS TINCTORIUS L. Compositae. **Safflower.**

6921. 'Suf'. Main market, Addis Ababa. Seed abundant throughout market, remarkably uniform.

343931. CICER ARIETIUM L. Leguminosae. **Chickpea.**

6920. 'Shimbera'. Main market, Addis Ababa. Plant 25 to 35 cm. high, seed variable in size, shape, color.

343929 to 343942—Continued

343932. ERAGROSTIS TEF (Zucc.) Trotter Gramineae. **Teff.**

6926. 'Tef'. Main market, Addis Ababa. Seed mixed brown and white but locally considered as a variety.

343933. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**

6923. 'Gebs'. Main market, Addis Ababa. Uniformly black hulled. Popular malting variety.

343934. PHYSALIS sp. Solanaceae.

6905. Bonga Road 8 km. southwest of Jimma, open grassy hillsides. Annual, 6 to 9 dm. high, much branched above. Fruit brownish yellow to 2 cm. diameter.

343935 and 343936. PISUM SATIVUM L. Leguminosae. **Garden pea.**

343935. 6922. Main market, Addis Ababa. Field pea very uniform size, shape, color.

343936. 6925. Main market, Addis Ababa. Garden pea, lightly wrinkled, variable size, shape, color.

343937. RICINUS COMMUNIS L. Euphorbiaceae **Castorbean.**

6902. Bonga Road 8 km. southwest of Jimma, open grassy hillsides. Shrub 3 to 4 m. high. Male flowers above female in upper branch axils.

343938. SORGHUM BICOLOR (L.) Moench Gramineae. **Sorghum.**

6911. Agaro Road 5 km. northwest of Jimma. Plant 2 meters, variable in color and maturity.

343939 and 343940. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

343939. 6919. 'Sindi'. Main market, Addis Ababa. Grain uniformly purplish red. Apparently popular locally.

343940. 6929. 'Sindi'. Main market, Addis Ababa.

343941. VERNONIA HYMENOLEPSIS A. Rich. Compositae.

6915. Jimma-Bonga road 36 km. northeast of Bonga, 2 km. of Gojeb River bridge. Plant to 2 m. high. Leaves mostly gone, florets dark lavender fading toward outer florets.

343942. VICIA FABA L. Leguminosae. **Broadbean.**

6927. 'Bakela'. Main market, Addis Ababa. Seed small, rounded.

343943 and 343944. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

From Hungary. Seed presented by National Institute of Agrobotany, Tapioszele. Numbered July 29, 1969.

343943. Among wild flora near village of Tapiogyorgye.

343944. 742. Riga, Latvia.

343945 to 343949. PINUS SYLVESTRIS L. Pinaceae. **Scotch pine.**

From Turkey. Seed collected by Forest Seed Laboratory, Ministry of Agriculture, Gazi, Ankara. Numbered July 29, 1969.

343945. Aladag District, elevation 1,400 to 1,500 m.

343946. Devrez District, elevation 1,850 m.

343947. Culhali District, elevation 1,500 to 1,940 m.

343948. Camkoru District, elevation 1,400 to 1,500 m.

343949. Catacik District. (No elevation given.)

343950. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

From Guatemala. Seed collected by H. G. Wilkes, Department of Biology, Tulane University, New Orleans, Louisiana. Numbered July 29, 1969.

Santa Ana Huista, Huehuetenango. South slope, scrub oak. Elevation 850 m.

343951 to 343954. ZEA MAYS L. Gramineae. **Corn.**

From Poland. Seed presented by Z. Krolikowski, Hodowli i Aklimatyzacji Roslin, Smolice. Numbered July 30, 1969.

343951. Inbred line WP 14=PLS 14. Flint type, very early, good combiner; developed from open pollinated variety 'Wielkopolanda'.

343952. Inbred line PLS 14ms. Sterile form.

343953. Inbred line PLS 61/10870 subline–1. Dent type, medium late; developed from open-pollinated variety 'Wigor'.

343954. Inbred line PLS 62/10870 subline–4. Developed from 'Wigor', dent, good combiner.

343955 to 344004.

From Turkey. Seed collected May 1969 by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received July 15, 1969.

343955 and 343956. PISUM FULVUM Sibth. & Smith Leguminosae.

343955. 22645. Mountain above Kas, 2 km. by road. Elevation 60 m. Limestone, east slope, arid. Annual small vine trailing on brush and rocks. Flowers small, pale yellowish. Some mildew present. Wild.

343956. 22661. Six km. west of Anamur. Elevation 10 m. Ruins in wheatfield. Small, glaucous annual. Wild.

343957 to 343970. PISUM SATIVUM L. **Garden pea.**

343957. 22634. Gokova Valley, Mugla-Marmares. Elevation 15 m. Limestone. Vines to 1 m. tall, pods short, 5–6 seed. Interplanted with broadbean.

343958. 22639. Orhania, Marmares District. Elevation 10 m. Limestone. Vines small, pods short, fat. Local name Biselia. Cultivated with *Lathyrus*.

343959. 22643. Uzumlu Mountain Valley about 20 km. northeast from Fethiye. Cultivated locally for many years. Seed variable.

343960. 22644. North of Esen 13 km. along main road. Cultivated. Flowers lavender and purple, pods variable.

343961. 22657. Manavgat market. Reported cultivated in Antalya valley. Poor grade. Local name Biselia.

343962. 22662. East of Anamur 36 km., Gunnar District. Elevation 30 m. Small colony in thicket. Wild.

343963. 22697. Northwest of Osmaniye 3 km. Elevation 250 m. Growing spontaneous in tall wheat. Wild.

343964. 22705. Aydencik, 17 km. northeast toward Gulnar. Elevation 630 m. Limestone rocky slope with wheat and residual oaks. Wild erect annual to 1 m. tall. Banner pink, keel red. Pod small, twisting in dehiscence; seed brown, greenish, and variously spotted.

343965. 22706. North of highway 24, 3 km. along road to Uzumlat. Elevation 20 m. Banner white; pods small, short; seed variable.

343966. 22707. Vegetable experiment station 15 km. east of Antalya. Variety selected for local use.

343967. 22709. Firnaz. Limestone derived soil. Cultivated for local green consumption. Local name Akara.

343955 to 344004—Continued

343957 to 343970—Continued

343968. 22710. Gelemish, 16 km. west of Kalkan. Elevation near sea level. Local variety; whole pod and seed eaten. Local name Beseliya.

343969. 22711. Gelemish, 16 km. west of Kalkan. Seed from Antalya grown locally. Fresh peas eaten but not pods. Local name Araka.

343970. 22721. Turgutlu, 5 to 6 km. west on old road to Izmir. Elevation 100 m. Small wild colony on steep road bank. Small annual.

343971. PISUM SATIVUM subsp. ARVENSE Poir.

22659. Gasipasa 34 km. east. Elevation. 350 m. Steep limestone slope. Spontaneous in wheat. Banner pale lavender, wings purple. Pods with small glandular excrescence.

343972 to 343979. PISUM SATIVUM subsp. ELATIUS (Steven) Alef. Leguminosae.

343972. 22630. Ruins of Efes. With rank, ungrazed vernal vegetation. Tall annual; banner lavender, wings dark purple; root with nodules. Local name Beseleye. Wild.

343973. 22631. South of Ortaklar 8 km. on road to Soke. Argavle village. Rank wild annual 2 m. tall; banner lavender, wings purple. Local name Beseleye.

343974. 22632. Two km. southeast of Selumiye on road to Milas. Elevation 70 m. Field margin along stream bank in *Rubus* thicket. Vigorous, long healthy vines to 2.5 m.; banner lavender, wings purple. Wild. Scale on pods. Local name Beseleya.

343975. 22633. Four km. east of Guluk. Elevation 40 m. In *Rubus* thicket along fence. Tall annual, wild. Flowers large, banner lavender, wings purple; pods 8 to 10 cm. long; seed mostly brown with fine spots.

343976. 22716. Ortaklar, 12 km. south on road to Soke near Argavle village. Elevation 60 m. Rank annual growing up through thorny *Rubus* thicket along fence. Pods and seed variable. Wild.

343977. 22717. Ortaklar, 3 km. east on road to Aydin. Elevation 50 m. *Rubus* thicket along field of figs. Small population of fruiting plants with long pods, many immature. Wild.

343978. 22724. One km. east of Kemalpasa. Roadside fence thicket in orchard. Tall vigorous, spontaneous vines, some in shade of poplar trees. Local name Biselia.

343979. 22725. Twenty five km. northwest of Muradiye, Izmir area. Elevation 420 m. Macchia shrub mostly scrub oak on slope. Plants 5 to 10 dm. tall. Wild. Pods small, 6 to 8 seeded; seeds small.

343980 to 343990. PISUM SATIVUM subsp. HORTENSE Aschers. & Graeb. Leguminosae.

343980. 22646. Mountain slope above Kas, 2 km. by road. Elevation 60 m. Limestone sun slope. Plants dwarf with short internodes; flowers small, white. Planted in rocks, harvesting May 10.

343981. 22654. Finike Valley near coast. Elevation 20 m. Considered best local variety for planting in stony land.

343982. 22671. Seven km. north of Hassa on road to Islahiye. Elevation 400 m. Succulent cultivar with short full-seeded pods and purple flowers. Overgrown with *Erodium* and *Vicia* on sandy clay. Local name Beselia.

343983. 22698. Ceyhan crossroad 29 km. north on road to Cukurkopru. Adana valley. Elevation 100 to 200 m. Irrigated on unfurrowed silty soil. Vine 6 to 8 dm., pod full-seeded.

343955 to 344004—Continued

343980 to 343990—Continued

343984. 22712. Ula, 14 km. southeast on road to Mugla. Elevation 450 to 500. Pine forest. Cultivated in small enclosure near house. Seed purple to black. Local name Baselia.

343985. 22713. Ula, 14 km. southeast on road to Mugla. Seed greenish to lavender spotted.

343986. 22715. Ortaklar, 9 km. south on road to Soke. Elevation 30 m. A cultivated patch in fig and olive orchard. Pods and seed extremely variable; not a selected variety.

343987. 22718. Burhaniye, 42 km. northwest of Denizli. Elevation 200 m. Local dry area. Cultivated and seed produced locally as green table pea. Flowers white. Local name Arake.

343988. 22719. Burhaniye, 42 km. northwest of Denizli. Elevation 200 m. Cultivated locally; green pods eaten. Local name Beselia.

343989. 22720. Arshar, 8 km. east of Turgutlu on road to Salihli. Elevation 130 m. Cultivated in corner of orchard.

343990. 22722. Bagyurdu, east of Izmir. Apparently a selected modern variety; in garden with broadbean.

343991 to 344004. PISUM SATIVUM subsp. SYRIACUM Berger

343991. 22647. Mountain slope above Kas, 2 km. by road. Elevation 60 m. Limestone sun slope. Some plants spontaneous among rocks. Stems and pods slender.

343992. 22650. Kale, 10 km. west. Elevation 350 m. Limestone outcrop in grainfield. Plants wild annual, vigorous, tall, several fruiting branches to 2 m. long; flowers small, lavender. Not eaten.

343993. 22652. Kale, 5 km. southwest. Elevation 100 m. Dry farm, dark clay soil from limestone. Annual vines cultivated or spontaneous with *Lathyrus*.

343994. 22655. Korkutili, 37 km. east on road to Antalya. Elevation 460 m. Between roadbank and fenced area in macchia. Limestone. Wild annual herb 1.5 m. tall; banner white, wings purple.

343995. 22660. Anamur, 6 km. west. Elevation 10 m. Growing wild about ruins in grainfield. Limestone. Annual; stems and pods slender; flower small, banner pale lavender, wings near purple.

343996. 22665. Silifke, 22 km. east along road to Mersin. Elevation 30 m. Limestone. Among rock and bramble divides in field. A very small, wild population.

343997. 22666. Cennet and Cehennem ruins east of Silifke. Elevation 60 m. Scattered, wild population among limestone rocks and bushes.

343998. 22670. Kirikhan, 30 km. on road to Hassa. Elevation 250 mm. Valley plain, sandy loam, rocks. Cultivated in open field surrounded by grain. Stems 7 to 10 dm. long, pods short, seed small.

343999. 22699. On road to Gulek 6 km. north of Rt. 24. Elevation 120 m. Small, spontaneous annual; scarce in wheatfield.

344000. 22700. Mersin, 12 km. north on road to Gozne. Elevation 260 m. Among limestone rocks in shrubs near grainfields. Long stem annual, flowers lavender, purple. Mildew on some plants.

344001. 22701. Mersin, 17 km. north on road to Gozne. Elevation 360 m. In limestone rocks among macchia shrub. Tall, wild annual, very little mildew observed.

344002. 22702. Mersin, 25 km. north on road to Gozne. Elevation 700 m. Limestone, macchia shrubs. Plants to 2 m. tall, pods larger, later than adjacent collections.

343955 to 344004—Continued

343991 to 344004—Continued

344003. 22703. Mersin, 18 km. northwest on road to Findikpinar. Elevation 630 m. Limestone rocky slope. Apparent local cultivar, resembles local wild forms. Stems to 1.5 m. Flowers mostly with red banner, purple wings, some flowers white. Pods, seed variable.

344004. 22704. Silifke, 14 km. west. Elevation 15 m. Limestone and shrub near sea. Small, wild, dry vines—few seed remaining.

344005 to 344013. PISUM SATIVUM subsp. ELATIUS (Steven) Alef. Leguminosae.

From Greece. Seed collected by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Numbered August 6, 1969.

344005. 22611. Karyes, Mt Athos peninsula. Elevation 400 m. Among open secondary shrubs, heavy ground litter, upper edge of olive grove. Small straggling annual vine climbing to 60 cm. Banner pink lavender, wings purple, keel pale, pods unusually broad, succulent.

344006. 22618. Xiropotamos Monastery, Mt. Athos peninsula. Elevation 200 to 350 m. Moist mountain slopes in rocky or well littered soil. Annual vine to 1.5 m. long. Banner lavender, wings dark purple.

344007. 22621. Daphne-Simonospetra truck road, 8 km. from Daphne. Elevation 50 m. Macchia; granitic west slope in moist soil. Vine climbing to 1.5 m. Petals lavender and purple. No disease observed.

344008. 22728. South of Daphne 1 km., Mt. Athos peninsula. Pods broad with thin or weakly vascular valves, very late dehiscing.

344009. 22729. Pantelemonos Monastery, Mt. Athos peninsula. Vines scattered in scrub oak macchia. Some vines with pods left undehisced.

344010. 22732. Below Karyes, Mt. Athos peninsula. Elevation 270 m. High macchia vegetation. Annual herbs. Lavender banner, dark red wings.

344011. 22733. Above Xyropotamon Monastery, Mt. Athos peninsula. Elevation 200 m. High macchia vegetation. Infested with *Hymenoptera* and *Bruchid* adults.

344012. 22734. Above Ivyron Monastery, Mt. Athos peninsula. Elevation 180 m.

344013. 22735. Above Karyes, Mt. Athos peninsula. Elevation 450 m. Chestnut and oak woodland.

344014. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From The Netherlands. Scions presented by Gebr. J. C. and P. C. Van't Westeinde, Zeeland. Received August 14, 1969.

'Golden Delicious'. Spur type.

344015. MEDICAGO INTERTEXTA var. CILIARIS (L.) Heyn. Leguminosae.

From Italy. Seed collected by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received August 15, 1969.

22601. Instituto Orto Botanico, Palermo. Annual with several erect to trailing stems 4 to 5 dm. long; leaflets center marked red.

344016 to 344019. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From Angola. Seed presented by Dr. Vasclamim Goncalves de Macedo, Nova Lisboa. Received July 24, 1969.

344016 to 344019—Continued

344016. 1435. Bairrao.

344017. 346. Maia do Vale.

344018. Mistura Pinto.

344019. 1681. Saraiva Vieira.

344020 to 344022.

From Greece. Seed collected by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received July 25, 1969.

344020 and 344021. PLATANUS ORIENTALIS L. Platanaceae. **Oriental planetree.**

344020. 22616. Between Karyes and Batopeo, Mt. Athos peninsula. Very large tree, 1.5 to 1.7 m. diameter, breast high.

344021. 22619. Daphne, Mt. Athos peninsula. Rocky stream canyons. Young vigorous trees in new leaf.

344022. VICIA VILLOSA Roth Leguminosae. **Hairy vetch.**

22730. Ouranoupolis. Vines 2 m. long climbing through macchia shrubbery.

344023 and 344024. BRASSICA OLERACEA var. CAPITATA L. Cruciferae. **Cabbage.**

From Norway. Seed presented by Norsk Brothers, A/S, Oslo. Received July 18, 1969.

344023. 510. 'Jaatun'. Amager winter head cabbage, Lot 2–69.

344024. 511. 'Jaatun'. Berless strain white winter cabbage, No. 61.

344025 to 344030. HORDEUM VULGARE L. Gramineae. **Common barley.**

From India. Seed presented by Eugene E. Saari, Ford Foundation, New Delhi. Received August 1, 1969.

344025. B br–10.

344026. B br–12.

344027. B br–25.

344028. B br–33.

344029. C–163.

344030. Russian barley.

344031. GENISTA SAHARAE Coss. et Dur. Leguminosae.

From Tunisia. Seed presented by H. Hamza, National Institute for Forestry, Ariana, through European Regional Research Office, Agricultural Research Service, Rome, Italy. Received July 22, 1969.

68.332. Gafsa, Nefta sand hills. 1968.

344032 and 344033. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Greece. Seed presented by Institute of Plant Breeding, Thessaloniki. Received July 29, 1969.

344032. Ptolemais 1001.

344033. G–63849–A6.

344034 to 344036.

From The United States. Seed collected by A. S. Barclay, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received July 22, 1969.

344034. BIFORA AMERICANA (DC.) Benth. & Hook, ex Wats. Umbelliferae.

3063. Near junction U.S. 183 and State 29, Williamson County, Texas. Abundant along road margin on thin soil over limestone. Erect annual.

344034 to 344036—Continued

344035. LESQUERELLA ANGUSTIFOLIA (Nutt. ex Torr. & Gray) Wats. Cruciferae.

3057. On State 98, 3.9 km. south of junction with US 70, McCurtain County, Oklahoma. Large population on thin soil over limestone outcrop. Annual to 4 dm. high, stems simple or several from base, flowers yellow.

344036. LESQUERELLA GRACILIS (Hook.) Wats.

3060. Along U.S. 82 4.8 km. west of Muenster, Cooke County, Texas. Abundant in fallow field, blackland soil. Erect to ascending annual, flowers yellow.

344037. LESQUERELLA PURPUREA (Gray) Wats. Cruciferae.

From The United States. Seed collected by D.D. Rubis, Department of Agronomy, University of Arizona, Tucson, Arizona. Received July 22, 1969.

UALC 123. Mile 159 on U.S. 77, near Globe, Arizona. In wash on mountainside. Short-lived perennial, plant procumbent, leaves low-tufted rosette, flowers white to purple.

344038 to 344041. HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received July 30, 1969.

344038. MT–50.

344039. MT–183.

344040. HC–269.

344041. HC–867.

344042. ORYZA SATIVA L. Gramineae. **Rice.**

From Australia. Seed presented by Division of Plant Industry, Department of Agriculture, Sydney. Received July 24, 1969.

6–100–9.

344043. CHENOPODIUM QUINOA Willd. Chenopodiaceae. **Quinoa.**

From Chile. Seed presented by United States Agency for International Development. Received August 18, 1969.

'Blanca'. Utilized as a food crop in the Northern Andes area of Chile, especially in the provinces of Tarapaca and Antofagasta. Harvested at an altitude over 3,000 meters.

344044. CUCUMIS TRIGONIS Roxb. Cucurbitaceae.

From India. Seed presented by C. N. Sambandam, Annamalai University, Annamalainagar, through Far Eastern Regional Office, Agricultural Research Service, New Delhi. Received August 6, 1969.

344045. LOTUS TENUIS Waldst. and Kit. ex Willd. Leguminosae.

From Australia. Seed presented by Plant Introduction Section, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization, Canberra. Received August 12, 1969.

BN–18579. Contaminant in P.I. 316269. Plants suberect; stems abundant, fine, leaves moderately abundant and well distributed.

344046. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

From Spain. Seed presented by the Instituto Forestal de Investigaciones y Experiencias, Madrid, via the United States Embassy, Rome, Italy. Public Law 480 Project E–25–FS–1. Received August 6, 1969.

Contaminant in P.I. 318946. Prostrate, semirhizomatous, leafy, vigorous, fine stemmed.

344047. STIZOLOBIUM sp. Leguminosae. **Velvetbean.**

From Rhodesia. Seed presented by the Officer in Charge, Salisbury Research Station, Causeway, Salisbury. Received August 6, 1969.

'Somerset'.

344048 to 344059. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Colombia. Seed presented by the Instituto Colombiano Agropecuario, Bogota. Received August 11, 1969.

344048. Bonza 55. (Yaqui × Kentana).

Pedigree 11–2254–2p–111b–4b–1b.

344049. Tiba Sel. 67. (Frontana/Yaqui-Maqui-Mayo54 × Menkemen).

Pedigree 11–10668–4t–2b–1t.

344050. ICA.Coconuco.

344051. Palmira 1. (Thatcher-Santa Catalina × Procor).

Pedigree 11–5962–4t–2b–1t–2b.

344052. Palmira 2. (St.464 × Bonza sib).

Pedigree 11–7458–2b–2b–1t.

344053. Miramar 64. (Composite Variety MM.1, MM.2, MM.3, MM.4, M.5, MM.7, MM.8, MM.10).

344054. PM.3. (Frontana-Kenya 58/Newthatch × Bonza 5522).

Pedigree 11–12193–7t–1b2t–1b–1t.

344055. PM.7. (Selection 5 × Kenya 58/Newthatch-Procor).

Pedigree 11–15385–3b–1t–2b.

344056. PM.9. (Frontana-Kenya 58 Newthatch × Bonza 552).

Pedigree 11–12193–7t–1b–4t–1b–1t.

344057. PM.11. (Africa-Mayo × Frontana-Yaqui).

Pedigree 11–11751–7b–4t–Ib–3t–Ib–1t.

344058. PM.12. (Frontana-Kenya 58/Newthatch × Bonza 552).

Pedigree 11–12193–7t–1b–4t–1b–2t.

344059. PM.23. (Yaqui-Kentana × (Africa-Mayo)2).

Pedigree 11–12947–3b–1t–3b.

344060. MALUS SYLVESTRIS Mill. Rosacea. **Apple.**

From England. Scions presented by the East Malling Research Station, Maidstone, Kent. Received August 20, 1969.

'Discovery'. Virus free.

344061. BOUGAINVILLEA sp. Nyctaginaceae.

From India. Plant presented by the Indian Agricultural Research Institute, New Delhi. Received August 20, 1969.

'Mary Palmer'. White and purple variegated.

344062 to 344087.

From Turkey. Seed collected May 1969 by H. S. Gentry, agricultural explorer, Plant Science Research Division, Plant Industry Station, Beltsville, Maryland. Received July 1, 1969.

344062. AVENA sp. Gramineae.

22653. Five km. southwest of Kale near seacoast. Elevation 100 m. Dark clay soil from limestone. Spontaneous, to 2 m. tall, culms and panicles large. Wild.

344062 to 344087—Continued

344063 and 344064. BETA VULGARIS L. Chenopodiaceae. **Common beet.**

344063. 22678. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344064. 22694. Market, Marash. Elevation 700 m. Sugar type.

344065. BRASSICA OLERACEA var. CAPITATA L. Cruciferae. **Cabbage.**

22676. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344066. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

22673. 'Amerikan'. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344067 to 344069. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

344067. 22672. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344068. 22679. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344069. 22691. 'Hutta'. Market, Marash. Elevation 700 m.

344070 and 344071. CUCURBITA PEPO L. Cucurbitaceae. **Pumpkin.**

344070. 22674. Market, Kilas, southeast Anatolia. Elevation 400 to 500 m. Cultivated for edible seeds.

344071. 22696. Market, Marash. Elevation 700 m. Early, eaten immature.

344072. DAUCUS CAROTA L. Umbelliferae. **Carrot.**

22681. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344073. HIBISCUS ESCULENTUS L. Malvaceae. **Okra.**

22675. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344074. LATUCA SATIVA L. Compositae. **Lettuce.**

22682. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Leaf type, locally cultivated.

344075. LATHYRUS OCHRUS (L.) DC. Leguminosae.

22651. Five km. southwest of Kale near seacoast. Elevation 100 m. Dark clay soil from limestone. Annual, stems winged, pair of wings along pod rib.

344076. LATHYRUS sp.

22638. Orchania village, Marmaris District. Sea level. Limestone, dry-farm terrace. Small annual vine cultivated for edible seed.

344077. LENS ESCULENTA Moench Leguminosae. **Lentil.**

22669. Market, Iskenderun; originally from east of Istanbul. Large-seeded lentil.

344078. LEPIDIUM SATIVUM L. Cruciferae. **Garden cress.**

22688. Market, Marash. Elevation 700 m. Seed used in green salad.

344079. LINUM USITATISSIMUM L. Linaceae. **Common flax.**

22690. Market, Marash. Elevation 700 m. Grown mainly for fiber.

344080 to 344082. PHASEOLUS VULGARIS L. Leguminosae. **Common bean.**

344080. 22689. Market Marash. Elevation 700 m. Very long pods. Eaten locally as green 'snap bean'.

344062 to 344087—Continued

344080 to 344082—Continued

344081. 22693–A. Market, Marash. Elevation 700 m. Seed violet white, variegated.

344082. 22693–B. Market, Marash. Elevation 700 m. Seed brown, variegated.

344083. RAPHANUS SATIVUS L. Cruciferae. **Radish.**

22677. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344084. SORGHUM BICOLOR (L.) Moench Gramineae. **Sorghum.**

22680. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. locally cultivated.

344085. SPINACEA OLERACEA L. Chenopodiaceae. **Spinach.**

22683. Market, Kilis, southeast Anatolia. Elevation 400 to 500 m. Locally cultivated.

344086. TRIFOLIUM sp. Leguminosae.

22642. Akcapinar, Marmaris District. Elevation 10 to 10 m. Soil silty clay from limestone. Growing densely in hayfield.

344087. VICIA NARBONENSIS L. Leguminosae.

22664. Ten km. northeast of Aydencik along road to Gulnar. Elevation 100 to 200 m. Annual with many stems from base. Pods covered with prickles. Wild.

344088 and 344089.

From England. Scions presented by the Long Ashton Research Station, Long Ashton. Received August 21, 1969.

344088. MALUS × PURPUREA Rosaceae.
'Aldenhamensis'.

344089. MALUS (hybrid) Rosaceae.
'Hillieri'.

344090 to 344092. ORYZA SATIVA L. Gramineae. **Rice.**

From Japan. Seed presented by Shiro Okabe, National Institute of Agricultural Sciences, Hiratsuka Kanagawa. Received July 16, 1969.

344090. 'Fukunishiki'.

344091. 'Kusabue'.

344092. 'Yoneshiro'.

344093. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From New Zealand. Budsticks presented by George Kay, Hastings. Received August 26, 1969.

'Kidds Orange Red'. Bud sport.

344094 to 344096. VITIS VINIFERA L. Vitaceae. **European grape.**

From The Republic of South Africa. Cuttings presented by the Division of Seed Control, Pretoria. Received August 27, 1969.

344094. 'Hermitage'.

344095. 'Pinotage'.

344096. 'Stein'.

344097. MICROSTROBOS FITZGERALDII (F. Muell.) Garden & Johnson Podocarpaceae.

From Australia. Plants presented by the Mount View Gardens, Summertown. Received August 28, 1969.

344098 to 344101. HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From Morocco. Seed presented by Institut National de la Recherche Agronomique, Rabat. Received May 7, 1969.

344098. HC 01 NB Rabat. Probable origin in Mexico.

344099. HC 12. Introduced from Brazil in 1967.

344100. HC 20 Deroua Roube. Commercial variety with local name Teal from Egypt introduced about 1953.

344101. HC 22 Tikem, Central African Republic.

344102 and 344103. LYCOPERSICON PIMPINELLIFOLIUM (Jusl.) Mill. Solanaceae. **Currant tomato.**

From the United States. Seed grown at Utah State University, Logan; received through M. W. Martin, Irrigated Agriculture Research and Extension Center, Prosser, Wash. Received June 13, 1969.

344102. A 1286. Utah 20. 'Red Currant 1149 K'. Vaughan's Seed Company, Chicago, 1928. Some resistance to bacterial canker.

344103. A 1287. Utah 737. Some resistance to bacterial canker.

344104 and 344105.

From India. Plants presented by R. L. Narasimhaswamy, Central Coffee Research Institute, Mysore State. Received February 6, 1969.

344104. COFFEA BENGALENSIS Roxb. Rubiaceae.

344105. COFFEA TRAVANCORENSIS W. & A.

344106 to 344108. STYLOSANTHES HUMILIS HBK. Leguminosae.

From Australia. Seed presented by Plant Introduction Section, Commonwealth Scientific and Industrial Research Organization, Canberra, A.C.T. Received August 19, 1969.

344106. 25.

344107. 69. 'Lawson'.

344108. 78.

344109. FESTUCA SULCATA (Hack.) Beck. Gramineae.

From Turkey. Seeds obtained under Public Law 480 Project A22-CR-1. Received August 13, 1969.

C-28083. Contaminant in P.I. 304981. Single specimen propogates by plantlets produced on panicle.

344110. DAUCUS CAROTA L. Umbelliferae. **Carrot.**

From Poland. Seed presented by M. W. Brzeski, Research Institute of Vegetable Crops, Skierniewice. Received August 19, 1969.

Cultivar, 'Londynska'.

344111 to 344116.

From Hong Kong. Seed presented by Hong Kong Herbarium, Urban Services Department. Received August 13, 1969.

344111. CELTIS PHILIPPENSIS Blanco Ulmaceae. **Philippine hackberry.**

344112. CELTIS SINENSIS Pers. **Chinese hackberry.**

344113. ILEX CINEREA Champ. Aquifoliaceae. **Holly.**

344114. ILEX MEMECYLIFOLIA Champ. ex Benth. **Holly.**

344115. ILEX TRIFLORA var. VIRIDIS (Champ. ex Benth.) Loes. **Holly.**

344116. MUCUNA BIRDWOODIANA Tutcher Leguminosae.

344117. SOLANUM TUBEROSUM L. Solanaceae. **Potato.**

From Kenya. Tubers presented by the National Agricultural Laboratories, Nairobi. Received September 2, 1969.

'Kenya Akiba'.

344118. GOSSYPIUM HIRSUTUM L. Malvaceae. **Upland cotton.**

From Argentina. Seed presented by the Estacion Experimental, Inta, La Banda, Santiago del Estero. Received August 18, 1969.

'La Banda 2–151'.

344119. CHENOPODIUM QUINOA Willd. Chenopodiaceae. **Quinoa.**

From Chile. Seed presented by United States Agency for International Development, Santiago. Received August 19, 1969.

'Rosada'. Utilized as a food crop in the northern Andes area of Chile, especially in the provinces of Tarapaca and Antofagasta. Harvested at an altitude over 3,000 meters.

344120 to 344142. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From New Zealand. Cuttings presented by Crops Research Division, Department of Scientific and Industrial Research, Auckland. Received October 11, 1968.

344120. N. Z. 1 (TH 1). Central plateau, Thailand.

344121. N. Z. 8 (TH 10). Central plateau, Thailand.

344122. N. Z. 25 (0 15). Hong Kong.

344123. N. Z. 38 (JAP 7). 'Nanyo'. Ishigaki, Ryukyu.

344124. N. Z. 122 (120 PH). 'Lakwaw'. Ifugao, Lugu, Philippines.

344125. N. Z. 178 (262 PH). Unknown. Ilocos, Philippines.

344126. N. Z. 220 (DNG 21). 'Pangbe'. Hollandia, West Irian.

344127. N. Z. 225 (DNG 32). 'Tabologa'. Baliem, West Irian.

344128. N. Z. 242 (DNG 31). 'Ansio berik'. Biak, West Irian.

344129. N. Z. 269 (ANG 30). 'Fatena'. E. Highlands, Watabung, Australian New Guinea.

344130. N. Z. 271 (ANG 32). 'Kiravena'. E. Highlands, Watabung, Australian New Guinea.

344131. N. Z. 303 (ANG 66). 'Range rombe'. W. Highlands, Kaugel Valley, Australian New Guinea, pre-European.

344132. N. Z. 306 (ANG 69). 'Ruki'. W. Highlands, Kaugel Valley, Australian New Guinea, pre-European.

344133. N. Z. 314 (ANG 77). 'Andeap'. W. Highlands, Kaugel Valley, Austratian New Guinea, pre-European.

344134. N. Z. 341 (14/B). 'Acic'. W. Highlands, Kaironk Valley, Australian New Guinea.

344135. N. Z. 362 (ANG 59). 'Kambubu'. Rabaul, New Britain.

344136. N. Z. 367 (685). 'Sangobolu'. Malaita, Solomon Islands.

344137. N. Z. 402 (724). 'Kumala puulo'. Chabwen, New Caledonia.

344138. N. Z. 418 (743). Balade, New Caledonia.

344139. N. Z. 429 (FJ 5). 'Navuso'. Fiji.

344140. N. Z. 473 (CI 1). 'Kumara enua'. Aitutaki, Cook Islands.

344141. N. Z. 575 (806). 'Pita'. Hangaroa, Easter Islands.

344142. N. Z. 684 (ER 1). Retirode de los, Indios, Colombia.

344143 to 344206. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From Brazil. Seed presented by A. M. Schlehuber, United States Agency for International Development, Instituto de Pesquisas IRI, Porto Alegre. Received July 23, 1969.

344143. B 4.
344144. B 8.
344145. Cotipora.
344146. Don Marco.
344147. Erechim (= S 18).
344148. Girua.
344149. IAS 15–Campineiro.
344150. IAS 16–Cruz Alta.
344151. IAS 20–Iassul.
344152. IAS 22–Tibagi.
344153. IAS 27–Itapeva.
344154. IAS 28–Ijui.
344155. IAS 29–Nortista.
344156. IAS 30–Sao Sepe.
344157. IAS 32–Sudeste.
344158. IAS 34–Xapeco.
344159. IAS 36–Jarau.
344160. IAS–C–45–Vila Velha.
344161. IAS–C–46–Curitiba.
344162. IAS–C–47–Florestal.
344163. IAS–C–48–Guarapauva.
344164. IAS–C–49–Pioneiro.
344165. IAS 50–Alvorada.
344166. IAS 51–Albatroz.
344167. IAS 52.
344168. IAO 1.
344169. IAO 3.
344170. IAO 4.
344171. IAO 6.
344172. IAO 7.
344173. IAO 8.
344174. IAO 9.
344175. IAO 10.
344176. IAO 11.
344177. IAO 12.
344178. IAO 14.
344179. IAO 15.
344180. IAO 16.
344181. IAO 19.

344143 to 344206—Continued

344182. IAO 20.
344183. IAO 21.
344184. IAO 23.
344185. IAO 24.
344186. IAO 25.
344187. IAO 27.
344188. IAO 115.
344189. Lagoa Vermelha (= C 17).
344190. Missioneiro (= S 15).
344191. Nobre (= S 31).
344192. Pel–A 506–62.
344193. Pel–A 146–63.
344194. Pel 2210–63.
344195. Pel–A 506–64.
344196. Pel–A 683–64.
344197. PF 11–1000/62.
344198. S 16.
344199. Santa Barbara (= E 11).
344200. Toropi.
344201. IAC 1–Cacique.
344202. IAC 2–Kibeiro.
344203. IAC 3–Anhanguera.
344204. IAC 4–Sao Paulo.
344205. IAC 5–Maringa.
344206. IAC 6–Brasil.

344207 to 344213. HIBISCUS CANNABINUS L. Malvaceae. Kenaf.

From Ghana. Seed presented by Crops Research Institute, Plant Introduction and Exploration, Bunso-Bosuso. Received August 25, 1969.

344207. DPS.
344208. 'New Top Red'.
344209. DPE.
344210. 'Ghana Mixed'.
344211. 'Gindaboo'.
344212. GE–5.
344213. 'Fung Red'.

344214 to 344218.

From Tanzania. Seed collected by W. Reed, Research and Training Institute, Ministry of Agriculture, Food and Crops, Mwanza. Received August 1, 1969.

344214. HIBISCUS ACETOSELLA Welw. Malvaceae.

344215 to 344217. HIBISCUS CANNABINUS L. Kenaf.

344215. Ukiriguru. Purple.
344216. Ukiriguru. Yellow.
344217. Musoma. Yellow.

344218. HIBISCUS MASTERSIANUS Hiern
Nzega, Tabora.

344219 to 344235.

From Zambia. Seed collected by D. B. Fanshawe, Forest Department Ministry of Rural Development, Kitwe. Received July 30, 1969.

344219. HIBISCUS ALTISSIMUS Hornby Malvaceae.

Mwinilunga District near Congo-Angolan border.

344220 to 344229. HIBISCUS CANNABINUS L. **Kenaf.**

344220. 1. **Mt. Mukulu, Block 1220.**
344221. 2. **Mt. Mukulu, Block 1220 Extension.**
344222. 3. **Mt. Mukulu, South. Sheep pen area.**
344223. 4. **Mt. Mukula, Club area pasture field.**
344224. 5. **Mt. Mukulu, Club area, local cultivation.**
344225. 6. **Lusaka-Kafue road mile 13.**
344226. 7. **Lusaka-Kafue road mile 18.**
344227. 8. **Lusaka-Kafue road mile 19.**
344228. 9. **No location data.**
344229. 10. **Sesheke.**

344230. HIBISCUS HIERNIANUS Excell & Mendonca

Watershed plain in Mwinilunga District.

344231. HIBISCUS MECHOWII Garcke Malvaceae.

Kabompo.

344232 to 344235. HIBISCUS MEEUSEI Exell Malvaceae.

344232. A.
344233. B.
344234. C.
344235. D.

344236 to 344246. TEPHROSIA VOGELII Hook. f. Leguminosae.

From Zambia. Seed collected by J. A. Smith, Moung Makulu Research Station, Chilanga. Single plant selections collected in Kasama District, Northern Province. Received July 24, 1969.

344236. 14737. Kungu village. Seed set good, pods well filled.
344237. 14738. Kapata village. Seed set good, pods well filled.
344238. 14739. Kapata village. Seed set good, pods well filled.
344239. 14740. Kapata village. Seed set good, pods well filled.
344240. 14741. Kapata village. Seed set good, pods well filled.
344241. 14742. Kapata village. Seed set good, pods well filled.
344242. 14743. Kapata village. Seed set good, pods well filled.
344243. 14744. Chifwani village. Seed set good, pods well filled.
344244. 14747. Kunga village. Seed set good, pods well filled.
344245. 14746. Mukosa village. Seed set good, pods well filled.
344246. 14747. **No location shown.**

344247 to 344377.

From Turkey. Seed collected 1965–1966 by I. Slomicki under Ford Foundation Project No. 5. A4. Received through Plant Introduction Service, Institute of Agriculture, Rehovoth, Israel. Received August 1, 1969.

344247 to 344261. ALLIUM CEPA L. Liliaceae. **Onion.**

344247. No. 23. Yalova station. 'Kantar Topu'. Imported as sets; in isolation.

344247 to 344377—Continued

344247 to 344261—Continued

344248. No. 59. Aydin market. 'Kaska'. Imported as sets; in isolation.

344249. No. 66. Urfa market. Imported as sets; in isolation.

344250. No. 101. Trabzon market. 'Siska Suana'. Imported as sets; in isolation.

344251. No. 162. Istanbul. 'Kantar Topu'. Imported as sets; in isolation.

344252. No. 31. Nazilla market.

344253. No. 36. Aydin market. 'Adyarlar Koya'.

344254. No. 38. Salihli market. 'Dere Koya'.

344255. No. 65. Urfa market. 'Mahmur'.

344256. No. 92. No data.

344257. No. 108. Trabzon market. 'Yerli Suvana'. Original imported as seeds.

344258. No. 120. Antakya market. 'Kantar Topu'. Original imported as seeds.

344259. No. 130. Malatya. Original imported as seeds.

344260. No. 151. Istanbul. 'Kantar Topu'. Original imported as seeds.

344261. No. 180. Kayseri. 'Suvana Tahumu'. Original imported as seeds.

344262 to 344264. ALLIUM PORRUM L. Leek.

344262. No. 113. Konya. 'Yerli Prasa'.

344263. No. 142. Izmir. 'Kartal Pirasa'.

344264. No. 150. Istanbul. 'Kartal Kamis'.

344265 and 344266. ANETHUM GRAVEOLENS L. Umbelliferae. Dill.

344265. No. 131. Malatya. 'Tere Otu'.

344266. No. 145. Izmir.

344267. APIUM GRAVEOLENS L. Umbelliferae. Celery.

No. 141. Izmir.

344268 to 344273. BRASSICA OLERACEA var. BOTRYTIS L. Cruciferae. Cauliflower.

344268. No. 149. Istanbul. 'Karnabahr'.

344269. No. 154. Istanbul. 'Karnabahr Son Cengelkoy'.

344270. No. 155. Istanbul. 'Karnabahr Orta Kislik'.

344271. No. 175. Izmir. 'Erkenci'.

344272. No. 176. Izmir. 'Orta–209'.

344273. No. 177. Izmir. 'Gec 337'.

344274 to 344277. BRASSICA OLERACEA var. CAPITATA L. Cabbage.

344274. No. 105. Trabzon. 'Karalahana'.

344275. No. 121. Antakya. 'Beyaz bas Cabana'.

344276. No. 128. Samsun. 'Karalahana'.

344277. No. 133. Malatya.

344278 to 344297. CAPSICUM ANNUUM L. Solanaceae. Pimento.

344278. No. 1. Bursa. 'Yag Biberi'.

344247 to 344377—Continued

344278 to 344297—Continued

344279. No. 11. Yesilkoy. 'Biber Sivir'.
344280. No. 12. Yalova. 'Charleston'.
344281. No. 13. Tecirdag. 'Sivri Biber'.
344282. No. 14. Istanbul.
344283. No. 27. Nazilli. 'Dolma Biber'.
344284. No. 30. Aydin. 'Bursa Biber'.
344285. No. 32. Aydin. 'Yeni Pazar'.
344286. No. 33. Aydin. 'Dolmalic Biber'.
344287. No. 35. Aydin.
344288. No. 40. Ahmetti Koya. 'Frenk Biber'.
344289. No. 42. Salihli. 'Tarhana Biber'.
344290. No. 43. Ahmetlikoy. 'Salcu Biber'.
344291. No. 57. Adana. 'Kermezi Salcalek'.
344292. No. 77. Van.
344293. No. 82. Trabzon. 'Lule Biber'.
344294. No. 87. Sivas.
344295. No. 88. Sivas.
344296. No. 173. Izmir. 'Carliston'.
344297. No. 174. Bolge Ziraat. 'Dolmalik'.

344298 to 344301. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

344298. No. 10. Selcuk. 'Kagen Budu'.
344299. No. 62. Malatya. 'Adiam'.
344300. No. 91. Mus.
344301. No. 182. Antalya.

344302 to 344346. CUCUMUS MELO L. Cucurbitaceae. **Muskmelon.**

344302. No. 2. Izmir.
344303. No. 3. Ankara.
344304. No. 4. Selcuk. 'Sham Kagune'.
344305. No. 5. Selcuk. 'Kis Kagune'.
344306. No. 6. Izmir. 'Citir K.'.
344307. No. 7. Selcuk. 'Dilim'.
344308. No. 8. Selcuk. 'Sari K.'.
344309. No. 9. Selcuk. 'Kara K.'.
344310. No. 16. Canakkale.
344311. No. 17. Canakkale. 'Yilaci Dere'.
344312. No. 18. Edremit.
344313. No. 19. Tecirdag. 'Kis Kagune'.
344314. No. 20. Canakkale. 'Sari Burucuk'.
344315. No. 21. Canakkale. 'Kislik'.
344316. No. 28. Bayandir. 'Duglek'.
344317. No. 29. Aydin. 'Sus Kagune'.

344247 to 344377—Continued

344302 to 344346—Continued

344318. No. 45. Kaymakcy. 'Kelek'.
344319. No. 46. Bursa. 'Sham'.
344320. No. 47. Bergama. 'Siyak Dilimli'.
344321. No. 48. Balikesir.
344322. No. 49. Akissar. 'Altindas'.
344323. No. 55. Konya. 'Cumra'.
344324. No. 56. Konya. 'Cumra'.
344325. No. 60. Konya. 'Cumra'.
344326. No. 61. Konya. 'Cumra'.
344327. No. 63. Antakya. 'Kis Kagune'.
344328. No. 64. Gaziantep. 'Bal Kagune'.
344329. No. 67. Diyubakir. 'Kulahlu'.
344330. No. 68. Diyubakir. 'Arbacin'.
344331. No. 69. Diyubakir. 'Kulah Dilimli'.
344332. No. 73. Van. 'Kirk Agac'.
344333. No. 74. Van. 'Sinha'.
344334. No. 78. Van.
344335. No. 79. Van. 'Kirk Agac'.
344336. No. 80. Samsun.
344337. No. 83. Erzincan.
344338. No. 84. Trabzon.
344339. No. 85. Erzincan.
344340. No. 89. Erzincan.
344341. No. 90. Sivas. 'Ambak'.
344342. No. 117. Mersin. 'Antep'.
344343. No. 132. Malatya. 'Acur'.
344344. No. 179. Kayseri. 'Kayseri'.
344345. No. 180. Peri.
344346. No. 181. Antalya.

344347 to 344353. CUCUMIS SATIVUS L. **Cucumber.**

344347. No. 103. Trabzon. 'Boston'.
344348. No. 104. Trabzon. 'Boston Heyare'.
344349. No. 124. Gaziantep. 'Sham Heyare'.
344350. No. 136. Malatya.
344351. No. 138. Izmir. 'Dere'.
344352. No. 139. Izmir. 'Langa'.
344353. No. 152. Istanbul. 'Langa'.

344354 to 344359. CUCURBITA PEPO L. Cucurbitaceae. **Pumpkin.**

344354. No. 15. Yalova. 'Sakiz'.
344355. No. 86. Siras.
344356. No. 110. Konya. 'Kolu Kara Kabak'.

344247 to 344377—Continued

344354 to 344359—Continued

344357. No. 111. Konya. 'Kolsus'.

344358. No. 125. Gaziantep. 'Kose Seker'.

344359. No. 137. Izmir. 'Gririt'.

344360 to 344364. DAUCUS CAROTA L. Umbelliferae. Carrot.

344360. No. 106. Trabzon. 'Yerli Havuc'.

344361. No. 112. Konya 'Renklin'.

344362. No. 116. Mersin. 'Kirmiza'.

344363. No. 126. Samsun.

344364. No. 147. Izmir.

344365. ERUCA SATIVA Mill. Cruciferae. Rocket salad.

No. 146.

344366 to 344369. LACTUCA SATIVA L. Compositae. Lettuce.

344366. No. 118. Mersin. 'Kivincik Morul'.

344367. No. 127. Samsun.

344368. No. 156. Istanbul. 'Gobekli Pendik'.

344369. No. 157. Istanbul. 'Yedikule'.

344370. LEPIDIUM SATIVUM L. Cruciferae. Garden cress.

No. 144. Izmir. 'Tere'.

344371 and 344372. LYCOPERSICON ESCULENTUM Mill. Solanaceae. Tomato.

344371. No. 24. Nazilli. 'Edremit'.

344372. No. 34. Izmir. 'Yayla'.

344373 and 344374. PETROSELINUM CRISPUM (Mill.) Nym. Umbelliferae. Parsley.

344373. No. 134. Malatya.

344374. No. 140. Izmir.

344375 to 344377. RAPHANUS SATIVUS L. Cruciferae. Radish.

344375. No. 70. Van. 'Kishlik'.

344376. No. 107. Trabzon.

344377. No. 135. Malatya.

344378 to 344383. PRUNUS AVIUM L. Rosaceae. Sweet cherry.

From Italy. Scions presented by the Instituto Coltivazione Arboree, Bologna. Received September 9, 1969.

344378. 'Ciliegia Primaticcia'.

344379. 'Durone Nero I'.

344380. 'Durone Nero II'.

344381. 'Durone Nero III'.

344382. 'Durone della Marca'.

344383. 'Mora di Vignola'.

344384 to 344450.

From Iran. Seed collected 1965–1966 by I. Slomicki under Ford Foundation Project No. 5/A4 and presented through Plant Introduction Service, Institute of Agriculture, Rehovoth, Israel. Received August 1, 1969.

344384 to 344392. ALLIUM CEPA L. Liliaceae. Onion.

344384. No. 215. Chalus. Imported as sets; seeds produced in isolation.

344385. No. 216. Sari. Imported as seeds.

344384 to 344450—Continued

344384 to 344392—Continued

344386. No. 224. Shiraz. Imported as seeds.

344387. No. 226. Shiraz. Imported as seeds.

344388. No. 246. Hamadan. Imported as seeds.

344389. No. 253. Teheran. 'Kashan'. Imported as seeds.

344390. No. 267. Karady. 'Tabriz'. Imported as seeds.

344391. No. 268. Karady. 'Kasem Cheregez'. Imported as seeds.

344392. No. 269. Karady. 'Karmameri'. Imported as seeds.

344393 and 344394. BRASSICA OLERACEA var. GONGYLODES L. Cruciferae. Kohlrabi.

344393. No. 232. Shiraz.

344394. No. 247. Hamadan.

344395. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. Watermelon.

No. 235. Agar-Shahr. 'Ganaghan'.

344396 to 344431. CUCUMIS MELO L. Cucurbitaceae. Muskmelon.

344396. No. 201. Teheran.

344397. No. 202. Teheran.

344398. No. 203. Teheran.

344399. No. 205. Rasht.

344400. No. 206. Rasht.

344401. No. 207. Rasht.

344402. No. 208. Rasht.

344403. No. 209. Rasht.

344404. No. 210. Chalus.

344405. No. 211. Chalus.

344406. No. 212. Sari.

344407. No. 213. Sari.

344408. No. 218. Arras region.

344409. No. 219. Arras region.

344410. No. 220. Arras region.

344411. No. 221. Isfahan.

344412. No. 222. Isfahan.

344413. No. 223. Shiraz.

344414. No. 233. Teheran.

344415. No. 234. Tabriz.

344416. No. 236. Bonab.

344417. No. 237. Bonab.

344418. No. 238. Managheb.

344419. No. 240. Khoiy.

344420. No. 243. Hamadan.

344421. No. 244. Hamadan.

344422. No. 245. Kermanshah.

344384 to 344450—Continued

344396 to 344431—Continued

344423. No. 251. Mashad.
344424. No. 252. Mashad. 'Kaghani'.
344425. No. 254. Karadj. 'Strand'.
344426. No. 255. Karadj. 'Rasht'.
344427. No. 256. Karadj. 'Baber Charman'.
344428. No. 257. Karadj. 'Dere Gaz'.
344429. No. 258. Karadj. 'Isfahan'.
344430. No. 259. Karadj. 'Karadj'.
344431. No. 260. Karadj. 'Cangrud'.

344432 to 344445. CUCUMIS SATIVUS L. Cucurbitaceae. **Cucumber.**

344432. No. 204. Rasht.
344433. No. 214. Chalus.
344434. No. 217. Sari.
344435. No. 230. Shiraz.
344436. No. 231. Shiraz.
344437. No. 239. Basmend.
344438. No. 241. Khoiy.
344439. No. 248. Hamadan.
344440. No. 261. Karadj. 'Tabriz'.
344441. No. 262. Karadj. 'Isfahan'.
344442. No. 263. Karadj. 'Shiraz'.
344443. No. 264. Karadj. 'Mashad'.
344444. No. 265. Karadj. 'Mevlankveh'.
344445. No. 266. Karadj. 'Abad Golfaigar'.

344446 and 344447. DAUCUS CAROTA L. Umbelliferae. **Carrot.**

344446. No. 242. Khoiy.
344447. No. 250. Hamadan.

344448 and 344449. LACTUCA SATIVA L. Compositae. **Lettuce.**

344448. No. 227.
344449. No. 228. Shiraz.

344450. RAPHANUS SATIVUS L. Cruciferae. **Radish.**

No. 249. Hamadan.

344451 to 344471. TRITICUM AESTIVUM L. Gramineae. **Wheat.**

From Argentina. Seed presented by E. A. Favret, Instituto Nacional de Tecnologia Agropecuaria, Instituto de Fitotecnia, Castelar. Received September 15, 1969.

344451. 'Agrolit Don Orione'.
344452. 'Agrolit Vigliano'.
344453. 'Bordenave Puan'.
344454. 'Buck Austral'.
344455. 'Buck Manantial'.
344456. 'Buck Relen'.
344457. 'Buenos Aires 110'.
344458. 'Indio INTA'.
344459. 'Klein Atlas'.
344460. 'Klein Impacto'.
344461. 'Klein Puma'.
344462. 'Klein Puntal'.

344451 to 344471—Continued

344463. 'Klein Sendero'.
344464. 'Klein Toledo'.
344465. 'Laureano Alvarez LAAH'.
344466. 'Magnif 41 INTA'.
344467. 'Oncativo INTA'.
344468. 'Piamontes INTA'.
344469. 'Pinzon INTA'.
344470. 'Santa Catalina 7'.
344471. 'Tacuari INTA'.

344472 to 344484.

From Argentina. Seed collected by R. O. Hammons and W. R. Langford, Crops Research Division, Agricultural Research Service, Tifton and Experiment, Georgia. Code numbers refer to Krapovickas herbarium. Received August 4, 1969.

344472. ARACHIS GLABRATA var. HAGENBECKII (Harms) Hermann Leguminosae.

11462. Tobati, Paraguay. Taprooted. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344473. ARACHIS VILLOSA var. CORRENTINA Burkart

12593. Four km. north of Cerro Poro, Paraguay. Taprooted. Obtained from instituto Nacional de Technologia Agropecuaria, Manfredi.

344474. ARACHIS sp.

1287. Cruz das Almas, Brazil. Taprooted. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344475. ARACHIS sp.

7847. Mburucuya city street, Corrientes Province, Argentina. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344476. ARACHIS sp.

7870. Ita Ibate, 10 km. toward General Paz, Corrientes Province, Argentina. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344477. ARACHIS sp.

9553. Toward Loreto, Corrientes, 10 km. from Route 12. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344478. ARACHIS sp.

9555. Estancia Fabiana, 15 km. from Route 12 toward Loreto, Corrientes. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344479. ARACHIS sp.

9567. Eight km. northeast of Encarncion, Arroyo Pora, road to Trinidad, Paraguay. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344480. ARACHIS sp.

9629. Field 9 to 10 km. from Ponta Pora, Mato Grosso, Brazil-Paraguay frontier. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344481. ARACHIS sp.

9644. Bela Vista, Mato Grosso (on Paraguay-Brazil frontier). Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344472 to 344484—Continued

344482. ARACHIS sp.

9918. 70 km. north of Cuiaba, road to Rosario Oeste, Mato Grosso, Brazil. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344483. ARACHIS sp.

9921. Seventeen km. northeast of Rosario Oeste toward Estivado, Mato Grosso, Brazil. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344484. ARACHIS sp.

10566. One km. from Rio Amanbay, Mato Grosso, Brazil. Rhizomatous. Obtained from Instituto Nacional de Technologia Agropecuaria, Manfredi.

344485. SOLANUM MAMMOSUM L. Solanaceae.

From Brazil. Seed collected by B. Skvortzov, Instituto de Botanica, Sao Paulo. Received August 15, 1969.

'Berenjena de cucarachas'. Fruit yellow, 5 cm. wide by 10 cm. long; nippled at blossom end.

344486 and 344487.

From Brazil. Plants collected 1968 by R. O. Hammons and W. R. Langford, Plant Science Research Division, Agricultural Research Service, Tifton and Experiment, Georgia, at Instituto Agronomico, Campinas. Received June 28, 1968.

344486. TRIPSACUM AUSTRALE Cutler & E. Anders. Gramineae.

688.

344487. TRIPSACUM LAXUM Nash Gramineae.

689.

344488 to 344490. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Malaysia. Cuttings presented by the Faculty of Agriculture, University of Malaya, Kuala Lumpur. Received September 11, 1969.

344488. 68/002/SR.

344489. 68/012/SR.

344490. 68/018/SR.

344491 to 344493. SACCHARUM SPONTANEUM L. Gramineae.

From Malaysia. Seed presented by the Faculty of Agriculture, University of Malaya, Kula Lumpur. Received September 11, 1969.

344491. No. 1. Tambun, State of Perak.

344492. No. 2. Chenderiang, State of Perak.

344493. No. 3. Gopeng, State of Perak.

344494 and 344495. VITIS VINIFERA L. Vitaceae. **European grape.**

From Australia. Budsticks presented by Commonwealth Scientific and Industrial Research Organization, Merbin, East Melbourne, Victoria. Received June 17, 1969.

344494. B4–23. Tetraploid selection of 'Waltham Cross' (Dattier). Berry very large.

344495. B–7. Selection of 'Thompson Seedless'. Berry elongated. About 20% larger than Thompson Seedless. Not a tetraploid.

344496 to 344498.

From Venezuela. Seed presented by Juan Jose Castillo, Instituto de Agronomia, Maracay. Received July 23, 1969.

344496. CARICA CAULIFLORA Jacq. Caricaceae.

From Maracay, Venezuela. Resistant to virus.

344497. CARICA MONOICA Desf.

From Tingo Maria, Peru. Susceptible to virus.

344498. CARICA PUBESCENS Lenne & Koch

From Colombia and Venezuela. Resistant to virus.

344499 to 344507.

From United States. Plants growing at U. S. Plant Introduction Station, Miami, Florida. Received September 29, 1967.

344499. ACACIA SOPHORAE (Labill.) R. Br. Leguminosae.

M–20263. R. E. Snow, Lakeland, Florida. Salt tolerant.

344500. AGATHIS ROBUSTA F. Muell. Coniferae.

M–19302. Carter F. Bundy, North Miami Beach, Florida.

344501. ALTHEA ROSEA (L.) Cav. Malvaceae. **Hollyhock.**

M–19445. E. E. Lord, Melbourne, Australia.

344502. ASTRONIUM BALANSAE Engl. Anacardiaceae.

M–19303. Curitiba, Parana, Brazil through National Arboretum, Washington, D.C. Tall, weeping, shade and timber tree.

344503. ASTRONIUM URUNDEUVA (Allemo) Engl.

M–19304. Curitiba, Parana, Brazil through National Arboretum, Washington, D. C.

344504. BAUHINIA GALPINII N. E. Brown Leguminosae.

M–13669. National Botanical Gardens, South Africa through E. A. Menninger, Stuart, Florida. Red-flowered shrub.

344505. CAESALPINIA BICOLOR C. H. Wright Leguminosae.

M–20063. T. B. Worthington, Ceylon, India.

344506. CAESALPINIA PARAGUARIENSIS (D. Parodi) Burkart Leguminosae.

M–17824. Instituto de Botanica Agricola Araoz, Buenos Aires, Argentina.

344507. CAESALPINIA PELTOPHORIODES Benth.

M–18535. R. Green, Winter Park, Florida.

344508 to 344515. HORDEUM VULGARE L. Gramineae. **Common barley.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received August 29, 1969.

344508. 1. IB–226.

344509. 2. NP–113.

344510. 3. D1–16 (MS × K12).

344511. 4. D1–17 K71 × (C138–2 × EB410).

344512. 5. D1–17. (EB1556 × BG1) × K18–4.

344513. 6. EB–410.

344514. 7. EB–921.

344515. 8. EB–1556.

344516. SECALE CEREALE L. Gramineae. **Rye.**

From England. Seed presented by Hurst Gunson Cooper Taber Ltd., Essex. Received September 9, 1969.

714. Hungarian Giant Rye.

344517. HORDEUM VULGARE L. Gramineae. **Common barley.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received September 3, 1969.

Ec 24882.

344518. POLYTRIAS AMAURA (Buese) Kuntze Gramineae. **Java grass.**

From Australia. Stolons presented by the Division of Plant Introduction, Commonwealth Scientific Industrial Research Organization, Canberra. Received September 16, 1969.

344519. ALLIUM OSCHANINII B. Fedtsch. Liliaceae.

From Sweden. Bulbs presented by the University of Goteborg, Goteborg. Received September 16, 1969.

Herat Province, near Pardu Khan between Obeh and Khodja Chist, Afghanistan on rocky, dry slope. Elevation 1,500 to 1,900 m. Collected May 10, 1969.

344520 to 344536.

From The Netherlands. Scions from Dutch elm disease resistance breeding program, Forest Experiment Station, Wageningen; grafted in quarantine at Regional Plant Introduction Station, Ames, Iowa. Received August 13, 1969.

344520. ULMUS × HOLLANDICA Miller Ulmaceae. **Elm.**

NL 62. 'Bea Schwarz'. Seedling from Barbier Nurseries, Orleans, France, with resistance to Dutch elm disease in Baarn, Netherlands. Growth rate slow; young leaves, young grafts with reddish tinge; many long side shoots on current growth; branch angle nearly 90°. Resistance high. Commonly used as parent.

344521 to 344536. ULMUS (hybrid) Ulmaceae.

344521. NL 125. *U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia,* P.I. 341747. Growth slanted, sinious; few heavy, spreading branches forming irregular, open crown; forms epicormics. Resistance high. Attacked by *Nectria cinnabarina* in Netherlands. Commonly used as parent.

344522. NL 312. *U. glabra* Huds., P.I. 341753; self or open pollinated, growth rate moderately fast, crown wide spreading, stem tends to fork up. Shoots brown rather than gray. Resistance moderate. Used as parent.

344523. NL 384. *U.* × *hollandica* 'Belgica', P.I. 341757 × *U. carpinifolia* 'Dampieri', P.I. 341749. Twigs grayish, stem forks. Resistance indicated good. Used as parent.

344524. NL 460. (*U. japonica* × *U. carpinifolia,* P.I. 341747), P.I. 341761 × (*U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia,* P.I. 341748). Straight single stem, regular crown, growth rate moderate. Resistance indicated moderate. Several promising clones from this cross.

344525. NL 463. (*U. japonica* × *U. carpinifolia,* P.I. 341747), P.I. 341761 × (*U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia,* P.I. 341748). Original seedling with single straight stem, regular, dense, narrow crown. Growth rate moderate. Resistance predicted good.

344520 to 344536—Continued

344521 to 344536—Continued

344526. NL 495. (*U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia,* P.I. 341748 × *U. carpinifolia* 'Christine Buisman', open pollinated, P.I. 313981). Stem single, slightly sinuous, crown open, branch angle wide. Growth rate moderately fast. Resistance predicted moderate to good.

344527. NL 506. *U.* × *hollandica* 'Groeneveld', P.I. 341756 × (*U. pumila* var. *arborea* × *U. carpinifolia* 'Hoersholmiensis', P.I. 341750), P.I. 341763. Crown width medium, leaves dark. Growth rate fast. Resistance predicted good.

344528. NL 512. (*U. pumila* var. *arborea* × *U. carpinifolia*) × open pollinated. Stem single, crown moderately dense. Growth rate fast. Resistance predicted high.

344529. NL 514. (*U. pumila* var. *arborea* × *U. laevis*) × open pollinated. Stem sinuous, branch angle wide, shape irregular. Growth rate moderately fast. Resistance predicted good.

344530. NL 522. (*U. pumila* var. *arborea* × *U. carpinifolia* 'Hoersholmiensis', P.I. 341750), P.I. 341763 × *U.* × *hollandica* 'Bea Schwarz' selfed, P.I. 313983. Stem single, branch angle small, crown regular. Growth rate good. Resistance predicted good.

344531. NL 558. (*U. japonica* × *U. carpinifolia,* P.I. 341747) × (*U.* × *hollandica* 'Vegeta', P.I. 341758 × *U. carpinifolia,* P.I. 341748). Stem single, straight, crown dense, pyramidal, attractive; leaves light green. Resistance predicted moderate to good.

344532. NL 560. (*U. wallichiana,* P.I. 341760 × *U. carpinifolia,* P.I. 341747) × *U. laciniata.* Stems multiple, crown narrow; leaves very large. Resistance predicted good. Grafts show winter injury.

344533. NL 609. (*U. pumila* var. *arborea* × *U. carpinifolia* 'Hoersholmiensis', P.I. 341750) × *U.* × *hollandica* 'Commelin'. P.I. 341755. Grafts dense, upright. Growth rate good. Resistance predicted good.

344534. NL 622. (*U. glabra* 'Exoniensis', P.I. 341754 × *U. wallichiana,* P.I. 341760) × *U.* × *hollandica* 'Commelin', P.I. 341755. Crown dense, narrow pyramidal, slightly slanted. Growth rate fast. Resistance predicted good.

344535. NL 625. (*U. pumila* var. *arborea* × *U. carpinifolia* 'Hoersholmiensis', P.I. 341750), P.I. 341763 × *U. hollandica* 'Groeneveld', P.I. 341756. Resistance untested.

344536. NL 628. (*U. pumila* var. *arborea* × *U. carpinifolia,* 'Hoersholmiensis', P.I. 341750), P.I. 341763 × *U. carpinifolia,* NL 61 × *U. carpinifolia,* P.I. 341747). Resistance untested.

334537 to 344539. PISUM SATIVUM subsp. ELATIUS (Steven) Alef. Leguminosae.

From Italy. Seed presented by Andrea DiMartino, Herbarium Horti Botanici Panormitani, Palermo. Received September 11, 1969.

344537. 1. Ficuza nel Boxco, Palermo.

344538. 2. Misilmeri, Palermo.

344539. 3. Piana degli Albanesi, Palermo.

344540 to 344545.

From Colorado. Seed presented by Cargill Research Farm, Fort Collins. Original seed from Union of Soviet Socialist Republics except as noted. Received September 11, 1969.

344540 to 344542. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

344540 to 344545—Continued

344540 to 344542—Continued

344540. K–38289. Hybrid 599. Psenichno-pyrejnyj (wheat grasslike). Winter type.

344541. K–40229. Hybrid 1. Psenichmo-pyrejnyj (wheat grasslike). Winter type.

344542. K–40231. Hybrid 186. Psenichno-pyrejnyj (wheat grasslike). Winter type.

344543 to 344545. TRITICUM DURUM Desf. Gramineae. **Durum wheat.**

344543. 61X Hybrid selection.

344544. 'Novomichiurinka'.

344545. Zagreb, Yugoslavia.

344546. ERAGROSTIS OBTUSA Munro ex Fic. & Hiern. Gramineae.

From South Africa. Seed collected near Kimpton, Great Karroo, Cape Province. Seed held at National Plant Materials Center, Soil Conservation Service, Beltsville, Maryland. Received May 1, 1951.

BN–7223.

344547 to 344554. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From Poland. Budsticks presented by the Research Institute of Pomology, Skierniewice. Received September 24, 1969.

344547. 'Alkmene'.
344548. 'Auralia'.
344549. 'Carola'.
344550. 'Clivia'.
344551. 'Elektra'.
344552. 'Herma'.
344553. 'Honora'.
344554. 'Undine'.

344555 to 344592.

From Czechoslovakia. Seed presented by Botanicka Zahrada, University P. J. Safarika, Kosice. Numbers refer to those in 1968 Index Seminum, XVIII, of Botanicka Zahrada. Received August 10, 1969.

344555. ACER CAMPESTRE L. Aceraceae.

3.

344556. AGROSTIS TENUIS Sibth. Gramineae. **Colonial bentgrass.**

31.

344557. ALOPECURUS PRATENSIS L. Gramineae.

60.

344558. ALYSSUM IDAEUM Boiss. et Heldr. in Boiss. Cruciferae.

64.

344559 and 455560. ALYSSUM MONTANUM L.

344559. 71.

344560. 72.

344561. ALYSSUM SAXATILE L.

74.

344562. AMORPHA FRUTICOSA L. Leguminosae. **Indigobush.**

81.

344563. ARENARIA GYPSOPHILOIDES L. Caryophyllaceae.

111.

344555 to 344592—Continued

344564. ASTRAGALUS ALPINUS L. Leguminosae.

143.

344565 and 344566. ASTRAGALUS GLYCYPHYLLOS L. **Milkvetch.**

344565. 144.

344566. 998.

344567. BERBERIS VERRUCULOSA H. et W. Berberidaceae. **Warty barberry.**

159.

344568. BERGENIA sp. Saxifragaceae.

161.

344569. BRACHYPODIUM SILVATICUM (Huds.) Beauv. Gramineae. **Falsebrome.**

167.

344570. BRACHYPODIUM sp.

168.

344571. BUPLEURUM RANUNCULOIDES L. Umbelliferae.

1006.

344572. COLUTEA ARBORESCENS L. Leguminosae. **Common bladder-senna.**

292.

344573. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

1028.

344574. COTONEASTER ADPRESSA Bois. Rosaceae. **Creeping cotoneaster.**

307.

344575. COTONEASTER DAMMERI Schn.

308.

344576. COTONEASTER FRANCHETII Bois **Franchet cotoneaster.**

309.

344577. COTONEASTER HORIZONTALIS Decne. **Rock cotoneaster.**

310.

344578. COTONEASTER MELANOCARPA L.

311.

344579. COTONEASTER MICROPHYLLA Wall. ex Lindl. **Rockspray.**

312.

344580. COTONEASTER RACEMIFLORA (Desf.) K. Koch

313.

344581. FESTUCA sp. Gramineae.

422.

344582. HELIANTHEMUM APENNINUM (L.) Mill. Cistaceae.

457. 'Roseum'.

344583. HELIANTHEMUM NUMMULARIUM subsp. GRANDIFLORUM (Scop.) Schinz & Thell.

459.

344584. HYPERICUM CHINENSE L. Guttiferae.

488.

344555 to 344592—Continued

344585. HYPERICUM RHODOPAEUM Friv.

493.

344586. LATHYRUS PRATENSIS L. Leguminosae. **Meadow peavine.**

1081.

344587. LONICERA XYLOSTEUM L. Caprifoliaceae. **European fly honeysuckle.**

1095.

344588. LONICERA NIGRA L.

1096.

344589. PHLEUM ALPINUM L. Gramineae. **Alpine timothy.**

1117.

344590. POLYGONUM BISTORTA L. Polygonaceae.

1125.

344591. SORBUS TORMINALIS (L.) Cr. Rosaceae.

1169.

344592. TUSSILAGO FARFARA L. Compositae.

1184.

344593 to 344725.

From United States. Seed collected 1968 by A. E. Slinkard, Department of Plant Science, University of Idaho, Moscow. Received September 5, 1969.

344593. ASTRAGALUS sp. Leguminosae.

S 72. Highway 91, Monida Pass, Idaho-Montana border.

344594. ASTRAGALUS sp.

S 73. Salmon River 29 km. upstream from Riggins, Idaho.

344595 to 344644. FESTUCA IDAHOENSIS Elmer Gramineae.

344595. S 75. Greer, Idaho. Elevation 762 m.

344596. S 76. Along road Anatone, Washington-Enterprise, Oreg.

344597. S 77. Ahsahka, Idaho. Elevation 914 m.

344598. S 79. Big Butte, Asotin County, Washington.

344599. S 80. Along road to Enterprise, Oreg. 13 km. south of Grand Rhonde River.

344600. S 81. Weippe, Idaho.

344601. S 82. Ahsahka, Idaho. Elevation 610 m.

344602. S 83. Moscow Mountain, Moscow, Idaho.

344603. S 84. Moscow Mountain, Moscow, Idaho.

344604. S 86. Stanley, Idaho, basin near ghost town of Sawtooth City.

344605. S 87. Baker Creek, 24 km. north of Ketchum, Idaho.

344606. S 88. North slope down the Snake River from Lewiston, Idaho, about 24 km. (in Washington).

344607. S 89. Waisai, Wash., 8 km. up the canyon.

344608. S 90. Almoto, Wash.

344609. S 91. Near top of Penawawa Canyon, Wash.

344610. S 93. Up Grande Rhonde River, about 24 km. into Oregon.

344611. S 94. West of Glenwood, Wash., 11 km.

344593 to 344725—Continued

344595 to 344644—Continued

344612. S 95. Glenwood, Wash.

344613. S 97. Up Salmon River 32 km. from Riggins, Idaho.

344614. S 98. Monida Pass on Idaho–Montana boundary.

344615. S 99. Lemhi Pass on Idaho–Montana boundary.

344616. S 100. Pass on Montana–Idaho boundary, Highway 324, 6 km. on divide road at head of Jake's Canyon.

344617. S 101. North 6 km. of Lost Trail Pass in Montana on Highway 93.

344618. S 102. Lost Trail Pass on Idaho–Montana boundary.

344619. S 103. East of Lost Trail Pass 5 km. near Idaho–Montana boundary.

344620. S 104. 8 km. south of Lolo Pass on divide road–Idaho.

344621. S 105. 16 km. south of Oregon–Washington border on Highway 3 toward Enterprise, Oreg.

344622. S 106. 35 km. south of Oregon–Washington border on Highway 3 toward Enterprise, Oreg.

344623. S 107. 16 km. northeast of Lowman, Idaho, on Highway 21.

344624. S 108. 16 km. downstream from Stanley, Idaho.

344625. S 109. 31 km. on road toward Cascade, Idaho, from Highway 21 northwest of Stanley.

344626. S 110. 61 km. on road to Cascade, Idaho, from Highway 21 northwest of Stanley.

344627. S 111. 40 km. east of Cascade, 11 km. west of the summit of the road to Stanley, Idaho.

344628. S 122. Rogers Pass, Lewis and Clark County, Mont., 1,372 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344629. S 123. Rogers Pass, Lewis and Clark County, Mont., elevation 1,433 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale. College of Forestry, University of Idaho.

344630. S 124. Bozeman, Mont., elevation 1,524 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344631. S 125. Beartooth Lake, Gallatin County, Mont., elevation 1,408 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344632. S 126. Gold Hill, Madison County, Mont., elevation 1,646 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344633. S 127. Lockhart Ranch, Jefferson County, Mont., elevation 1,033 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344634. S 128. Bull Creek, Beaverhead County, Mont., 2,243 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344635. S 129. Moran, Teton County, Wyo., elevation 2,057 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344593 to 344725—Continued

344595 to 344644—Continued

344636. S 130. Coyote Grade, Nez Perce County, Idaho, elevation 671 m. Seed harvested 1965 from plots. Original seed collected 1968 by E. W. Tisdale, College of Forestry, University of Idaho.

344637. S 131. Moscow Mountain, Latah County, Idaho, elevation 1,006 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344638. S 132. Athol, Bonner County, Idaho, elevation 640 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344639. S 133. Rock Creek, southern British Columbia, Canada, elevation 610 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344640. S 134. New Meadows, Adams County, Idaho, elevation 1,311 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344641. S 135. McCall, Valley County, Idaho, elevation 1,555 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344642. S 136. Dubois, Clark County, Idaho, elevation 1,798 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344643. S 137. Squaw Butte, Harney County, Oreg., elevation 1,341 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344644. S 138. Sisters, Deschutes County, Oreg., elevation 1,067 m. Seed harvested 1965 from plots. Original seed collected 1958 by E. W. Tisdale, College of Forestry, University of Idaho.

344645. LUPINUS sp. Leguminosae.

S 1. Almota, Wash.

344646. LUPINUS sp.

S 2. 16 km. upstream from mouth of the Grande Rhonde River (in Oregon).

344647. LUPINUS sp.

S 3. 16 km. east of Pomeroy, Wash., on Highway 410.

344648. LUPINUS sp.

S 4. 24 km. down the Snake River from Lewiston (in Washington).

344649. LUPINUS sp.

S 5. 16 km. down the Clearwater River from Orofino, Idaho.

344650. LUPINUS sp.

S 6. 2 km. south of Craigmont on U.S. 95 (Idaho).

344651. LUPINUS sp.

S 7. 8 km. north of NezPerce, Idaho, on Highway 7.

344652. LUPINUS sp.

S 8. 2 km. north of Grangeville, Idaho, on U.S. 95.

344653. LUPINUS sp.

S 9. On hill 8 km. south of Orofino, Idaho, on Highway 7.

344654. LUPINUS sp.

S 10. 8 km south of Cascade, Idaho, on U.S. 95.

344593 to 344725—Continued

344655. LUPINUS sp.

S 11. 24 km. south of Cascade, Idaho, on U.S. 95.

344656. LUPINUS sp.

S 12. 8 km. north of DuBois, Idaho, on Highway 15.

344657. LUPINUS sp.

S 13. Monida Pass on Mountain–Idaho border, Highway 15.

344658. LUPINUS sp.

S 14. 16 km. west of Lemhi Pass Junction, Mont., Highway 324.

344659. LUPINUS sp.

S 15. Near Lemhi Pass Junction, Mont., Highway 324.

344660. LUPINUS sp.

S 16. Lemhi Pass, on Montana–Idaho border.

344661. LUPINUS sp.

S 17. 8 km. south of Lost Trail Pass, Idaho, Highway 93.

344662. LUPINUS sp.

S 18. 5 km. northeast of Lost Trail Pass, Mont., Highway 93.

344663. LUPINUS sp.

S 19. Near Darby, Mont.

344664. LUPINUS sp.

S 20. 10 km. west of Lolo Pass, Idaho, U.S. 12; swampy site.

344665. LUPINUS sp.

S 21. 16 km. west of Ahsahka on road to Kendrick, Idaho.

344666. LUPINUS sp.

S 22. 2 km. west of Kooskia, Idaho, on U.S. 12.

344667. LUPINUS sp.

S 23. 10 km. east of Moscow, Idaho, on Highway 8.

344668. LUPINUS sp.

S 24. Bannock Pass on Montana–Idaho border, 6 km. north on divide road at head of Jake's Canyon.

344669. LUPINUS sp.

S 25. 5 km. south of Pottatch, Idaho, on U.S. 95.

344670. LUPINUS sp.

S 26. 3 km. south of Plummer, Idaho, on U.S. 95; swampy site.

344671. LUPINUS sp.

S 27. 2 km. north of Plummer, Idaho, on U.S. 95.

344672. LUPINUS sp.

S 28. Lake Creek, Idaho, 16 km. north of Worley, Idaho.

344673. LUPINUS sp.

S 29. 6 km. north of Benewah–Kootenai county line, 10 km. north of Plummer, Idaho, on U.S. 95.

344674. LUPINUS sp.

S 30. Setters, Idaho, 13 km. north of Worley, Idaho, on U.S. 95.

344593 to 344725—Continued

344675. LUPINUS sp.

S 31. Careywood, Idaho, south of Sandpoint on U.S. 95; swampy site.

344676. LUPINUS sp.

S 32. Near Bonners Ferry, Idaho, (southwest), Deep Creek Road on Snow Creek.

344677. LUPINUS sp.

S 33. 16 km. south of Oregon–Washington border on Highway 3 towards Enterprise, Oreg.

344678. LUPINUS sp.

S 34. 53 km. south of Oregon–Washington border on Highway 3, toward Enterprise, Oreg.—about 15 km. north of Enterprise.

344679. LUPINUS sp.

S 35. 5 km. southeast of Enterprise, Oreg., toward Joseph.

344680. LUPINUS sp.

S 36. 24 km. southeast of Enterprise, Oreg. Little Sheep Creek—Target Spring.

344681. LUPINUS sp.

S 37. 69 km. southeast of Enterprise, Oreg., just over the pass to Lick Creek.

344682. LUPINUS sp.

S 38. 8 km. south of Idaho City, Idaho, on Highway 21 and then 5 km. up Grayback Gulch.

344683. LUPINUS sp.

S 39. 16 km. north of Mores Summit, north of Idaho City, Idaho, on Highway 21.

344684. LUPINUS sp.

S 40. 24 km. northeast of Idaho City, Idaho, on Highway 21, then 5 km. to west on ridge from Mores Summit.

344685. LUPINUS sp.

S 41. 52 km. northeast of Lowman, Idaho, near the pass on Highway 21.

344686. LUPINUS sp.

S 42. Near Lowman, Idaho, on Highway 21.

344687. LUPINUS sp.

S 43. 16 km. northeast of Lowman, Idaho, on Highway 21.

344688. LUPINUS sp.

S 44. 10 km. downstream from Stanley, Idaho.

344689. LUPINUS sp.

S 45. 29 km. on road toward Cascade, Idaho, from Highway 21.

344690. LUPINUS sp.

S 46. 55 km. toward Cascade, Idaho, from Highway 21 northwest of Stanley.

344691. LUPINUS sp.

S 47. 40 km. east of Cascade, Idaho, on road from Cascade to Highway 21, northwest of Stanley.

344692. LUPINUS sp.

S 48. 2 km. east of Cascade, Idaho, on road to Stanley.

344593 to 344725—Continued

344693. LUPINUS sp.

S 49. 2 km. south of Donnelly, Idaho, on Highway 15.

344694. LUPINUS sp.

S 50. 2 km. south of Donnelly, Idaho, on Highway 15.

344695. LUPINUS sp.

S 51 2 km. north of McCall, Idaho, on Highway 15.

344696. LUPINUS sp.

S 52. Moscow, Idaho. (L. polyphyllus).

344697. LUPINUS sp.

S 53. Base of Lewiston Grade, near Lewiston, Idaho.

344698. LUPINUS sp.

S 54. Halfway up the Lewiston Grade, near Lewiston, Idaho, on U.S. 95.

344699. LUPINUS sp.

S 55. On Big Butte Road 10 km. west of Anatone, Wash., southwest slope.

344700. LUPINUS sp.

S 56. On Moscow Mountain, northeast of Moscow, Idaho.

344701. LUPINUS sp.

S 57. Dump near Anatone, Wash., 5 km. west of Big Butte Road.

344702. LUPINUS sp.

S 58. Near Ahsahka, Idaho, west of Clearwater River, elevation 762 m.

344703. LUPINUS sp.

S 59. Priest Lake, Idaho.

344704. LUPINUS sp.

S 60. 11 km. west of Glenwood, Wash.

344705. LUPINUS sp.

S 61. Kettle Falls, Wash.

344706. LUPINUS sp.

S 62. 5 km. west of Goldendale, Wash.

344707. LUPINUS sp.

S 63. 5 km. west of Goldendale, Wash.

344708. LUPINUS sp.

S 64. 10 km. west and 8 km. south of Glenwood, Wash.

344709. LUPINUS sp.

S 65. Buck Mountain, Okanogan County, Wash.

344710. LUPINUS sp.

S 66. Idaho.

344711. LUPINUS sp.

S 67. Idaho.

344712. LUPINUS sp.

S 68. Idaho.

344713. LUPINUS sp.

S 69. Idaho.

344593 to 344725—Continued

344714. LUPINUS sp.

S 70. Idaho.

344715. LUPINUS sp.

S 71. 10 km. west of Anatone, Big Butte Road, northwest slope.

344716. LUPINUS sp.

S 112. 8 km. west of Mann Creek Guard Station, along road to Mineral, Idaho. Elevation 1,158 m., south slope, deep fertile soil.

344717. LUPINUS sp.

S 113. 24 km. north of Sun Valley, on Highway 93, near Big Wood River, Idaho. Elevation 2,134 m., droughty valley floor.

344718. LUPINUS sp.

S 114. Noble Creek, Nez Perce National Forest, Idaho; elevation 1,615 m.

344719. LUPINUS sp.

S 115. Woop-im-up Creek, along Highway 21, Idaho; road cut.

344720. LUPINUS sp.

S 116. 13 km. east of Lowman, Idaho, near south fork of Payette River on Stanley Road. Elevation 1,219 m.; shrubby.

344721. LUPINUS sp.

S 117. 23 km. south of Stanley, Idaho on Highway 93. Elevation 2,103 m.

344722. LUPINUS sp.

S 118. 11 km. northwest of Cambridge, Idaho, on Highway 71. Elevation 1,097 m.

344723. LUPINUS sp.

S 119. 8 km. east of Idaho City, Idaho, along Highway 21. Elevation 1,219 m., droughty site.

344724. LUPINUS sp.

S 120. 37 km. west of Stanley, Idaho, on Highway 21 near the summit. Elevation 2,195 m., rocky site.

344725. LUPINUS sp.

S 121. 2 km. past Highway 156 on Highway 93, about 8 km. on south side of Galena summit, Idaho. Elevation 2,469 m.

344726 to 344733. TRITICUM AESTIVUM L. Gramineae.

Common wheat.

From Argentina. Seed presented by Instituto Nacional de Tecnologia Agropecuaria, Centro Nacional de Investigaciones Agropecuarias, Instituto de Fitotecnia, Castelar. Received September 19, 1969.

344726. Magnif 95.

344727. Magnif 102 × Beka. 68–10916.

344728. Magnif 103.

344729. Magnif 104 × Beka. 68–28295.

344730. Magnif 104 × Beka2. 68–28378.

344731. (Union × Mari) × Magnif 104. 68–28415.

344732. Magnif 140.

344733. Magnif 146.

344734 to 344744.

From Bulgaria. Seed presented by Institute of Plant Growing, Plant Introduction Section, Sofia. Received September 16, 1969.

344734 to 344742. TRITICUM AESTIVUM L. **Common wheat.**

344734. 'Albena'.

344735. 'Dobrudza'.

344736. 'Dobrudza 100–10'.

344737. 'Erythrospermum 19–16'.

344738. 'Ferugineum 2'.

344739. 'Kaliakra'.

344740. 'Nadezda 2'.

344741. 'Rusalka'.

344742. 'Sadovska ranozrejka 3'.

344743. TRITICUM DURUM var. APULICUM (Koern.) Stolet.

'Apulicum 233'.

344744. TRITICUM DURUM Desf. Gramineae.

'Hordeiforme 1522'.

344745. TRIFOLIUM SEMIPILOSUM Fresen. Leguminosae.

From Australia. Seed presented by Commonwealth Scientific and Industrial Research Organization, Queensland. Received December 24, 1969.

C.P.I. 27218.

344746 to 344754. VICIA GIGANTEA Hooker Leguminosae.

From Washington. Seed collected by C. R. Gunn and C. E. Smith, Jr., Plant Science Research Division, Plant Industry Station, Beltsville, Md. Received August 30, 1969.

344746. 3670. La Push, Clallam County. Beach 1 parking area. Vine to 2.5 m. around edge of honeysuckle-alder-blackberry thicket.

344747. 3671. Destruction Island, Route 101 Pacific Overlook. In thickets atop cliffs and across highway. Associated with honeysuckle.

344748. 3672 A. Kalalock Lodge, Jefferson County. In hedge row along south parking lot, associated with *Rubus* and *Convolvulus*. Seed mottled.

344749. 3672 B. Kalalock Lodge, Jefferson County. In hedge row along south parking lot, associated with *Rubus* and *Convolvulus*. Seed monochrome.

344750. 3673. Kalalock, Jefferson County, first beach north of camp grounds on Route 109. Around parking lot and along walk.

344751. 3674. Beach 1 south of Queets, Route 109. Large pure stands of wind clipped plants over banks, logs, beach cliffs. Few pods.

344752. 3675 A. Pacific Beach, Grays Harbor County. Large patch with grass cascading down north slope, few plants on south slope. Seed mottled.

344753. 3675 B. Pacific Beach, Grays Harbor County. Large patch with grass cascading down north slope, few plants on south slope. Seed monochrome.

344754. W676. West of Hoquim on Route 109 opposite and west of high school between road and railroad. Common, growing among shrubs for mile along road.

344755. VIGNA sp. Leguminosae.

From Costa Rica. Seed collected August 1969 by Claud Hope for E. P. Imle, American Cocoa Research Institute, Washington, D. C. Received September 19, 1969.

146. Cartago, Hacienda Linda Vista. Fast growing ground cover.

344756 and 344757. ZEA MAYS L. Gramineae. Corn.

From France. Seed presented by Limagrain, Ferme Experimentale de Mons, Aubiat, Combronde. Received September 24, 1969.

344756 and 344757—Continued

344756. Population AA.

344757. Population AC.

344758. VICIA UNIJUGA A. Br. Leguminosae.

From Belgium. Seed presented by Jardin Botanique National de Belgique, Brussels. Received September 18, 1969.

SCS BN 18965.

344759 to 344763. ALLIUM SATIVUM L. Liliaceae. **Garlic.**

From Israel. Bulbs presented by the Volcani Institute of Agriculture Research, Rehovot. Received October 1, 1969.

344759. No. 41.

344760. No. 51.

344761. No. 58

344762. No. 109.

344763. No. 129.

344764 to 344766. BRACHIARIA RUZIZIENSIS Germain & Evard. Gramineae.

From Panama. Stolons presented by the Ministry of Agriculture, Commerce and Industry, Food and Agriculture Organization, David. Received October 7, 1969.

344764. Formerly from Australia.

344765. Formerly from Guatemala.

344766. Congo–Sigeal.

344767 to 344772.

From Costa Rica. Stolons presented by the United States Agency for International Development, Florida University Contract, San Jose. Received October 8, 1969.

344767. BRACHIARIA DECUMBENS Stapf Gramineae.

No. 1.

344768. PENNISETUM CLANDESTINUM Hochst. ex Chiovenda Gramineae.

No. 2. **Kikuyu grass.**

344769. HYPARRHENIA sp. Gramineae.

344770. ISCHAEMUM INDICUM (Houtt.) Merr. Gramineae.

344771. ECHINOCHLOA POLYSTACHYA (HBK.) Hitchc. Gramineae.

'Aleman'.

344772. BRACHIARIA DECUMBENS Stapf Gramineae.

344773 and 344774.

From Argentina. Seed collected from plants grown by A. Krapovickas, Facultad de Agronomia y Veterinaria, Universidad Nacional del Nordeste, Corrientes. Received September 24, 1969.

344773. ARACHIS BENTHAMII Handro Leguminosae.

Seed collected from P.I. 338253. HLKHe 520.

344774. ARACHIS sp. Leguminosae.

Seed collected from P.I. 338288. HLKHe 524.

344775. SORGHUM BICOLOR (L.) Moench Gramineae. **Sorghum.**

From Venezuela. Seed presented by the Faculty of Agronomy, Institute of Genetics, Maracay. Received October 4, 1969.

'Janera 9–2'. (6049–2). V–175 (68–14).

344776 to 345514.

From Yugoslavia. Seed presented by the Institute for Small Grains, Kragujevac. Received October 2, 1969.

344776. AEGILOPS sp. Gramineae.

1. Resan, Macedonia.

344777. AEGILOPS sp.

2. Vlaskar–Skoplje, Macedonia.

344778. AEGILOPS sp.

3. Kragujevac, Serbia.

344779. AEGILOPS sp.

4. Tetovo, Macedonia.

344780. AEGILOPS sp.

5. Ovce Polje–Titov, Veles, Macedonia.

344781. AEGILOPS sp.

6. Titov Veles, Macedonia.

344782. AEGILOPS sp.

7. Ovec Polje, Macedonia.

344783. AEGILOPS sp.

8. Ovec Polje, Macedonia.

344784. AEGILOPS sp.

9. Ohrid, Macedonia.

344785. AEGILOPS sp.

10. Prilep, Macedonia.

344786. AEGILOPS sp. Gramineae.

11. Raska–Kopaonik, Serbia.

344787. AEGILOPS sp.

12. Bresnica, Serbia.

344788. AEGILOPS sp.

13. General Jankovic, Kosovo.

344789. AEGILOPS sp.

14. General Jankovic, Kosovo.

344790. AEGILOPS sp.

15. Topolcani–Pelagonija–Crna Zemlja, Macedonia.

344791. AEGILOPS sp.

16. Bitolja–Resan, Macedonia.

344792. AEGILOPS sp.

17. Bitolja, Macedonia.

344793. AEGILOPS sp.

18. Stip–Strumica, Macedonia.

344794. AEGILOPS sp.

19. Prilep, Macedonia.

344795. AEGILOPS sp.

20. Globocice, Macedonia.

344776 to 345514—Continued

344796. AEGILOPS sp.

21. Debar, Macedonia.

344797 to 344859. AVENA SATIVA L. Gramineae. **Common oats.**

344797. 1. Dobroseleca–Borova glava–Zlatibor, Serbia.

344798. 2. Drazevica–Duga poljana, Serbia.

344799. 3. Zelari–Vlasina, Serbia.

344800. 4. Clisurica–Besna Cobila, Serbia.

344801. 5. Majdan–Rudnik Gor, Milanovac, Serbia.

344802. 7. Bjelo babe–Prijepolje, Serbia.

344803. 8. Bjelo babe–Prijepolje, Serbia.

344804. 9. Rudnik–Gor, Milanivac, Serbia.

344805. 10. Vladicci han, Serbia.

344806. 11. Citak, Serbia.

344807. 12. Vladicci han, Serbia.

344808. 13. Predojne–Grdelicca Clisura, Serbia.

344809. 14. Nesvrat Besna Cobila, Serbia.

344810. 15. Grace–Pristina, Serbia.

344811. 16. Trnjane–Leskovac, Serbia.

344812. 17. Ljuste–Cos. Mitrovica, Serbia.

344813. 18. Suljcovac, Serbia.

344814. 19. Bistrica–Cocin Brod, Serbia.

344815. 20. Negrina–Zlatar, Serbia.

344816. 22. Oglodjenovac Valjevo, Serbia.

344817. 23. Donja Vrabava, Serbia.

344818. 24. Caradje–Gaccko, Montenegro.

344819. 25. Caradje–Gacco, Montenegro.

344820. 26. Gareva–Gacco, Montenegro.

344821. 27. Gracanica–Gacco, Montenegro.

344822. 28. Cule Faxlagica–Gacco, Montenegro.

344823. 29. Drina i Foca, Bosnia.

344824. 30. Celegici–Foca, Bosnia.

344825. 31. Cajnice, Bosnia.

344826. 32. Gorazde–Cajnice, Bosnia.

344827. 33. Potcovaca–Pljevlja, Montenegro.

344828. 34. Krnjace, Montenegro.

344829. 35. Jabuce, Montenegro.

344830. 36. Pljevlja, Montenegro.

344831. 37. Casanica–Pljevlja, Montenegro.

344832. 38. Vlahovica Cosanice, Montenegro.

344833. 39. Zabljac, Montenegro.

344834. 40. Zabljac, Montenegro.

344835. 41. Zabljac, Montenegro.

344776 to 345514—Continued

344797 to 344859—Continued

344836. 42. Gvzda–Nicsic, Montenegro.
344837. 43. Cocin Brod, Serbia.
344838. 44. Negbina, Serbia.
344839. 45. Negbina, Serbia.
344840. 46. Datlica, Serbia.
344841. 47. Cajetina–Zlatibor, Serbia.
344842. 48. Borova glava–Zaltibor, Serbia.
344843. 49. Radoinja Cocin Brod, Serbia.
344844. 50. Radoinja Cocin Brod, Serbia.
344845. 50/1. Belo Polje–Gor. Milanovac, Serbia.
344846. 51. Bela Zemlja–T. Uzice, Serbia.
344847. 52. Svraccovci–Gor. Milanovac, Serbia.
344848. 53. Bjelo Babe–Prijepolje, Serbia.
344849. 54. Mrcajevci–Cacac, Serbia.
344850. 55. Bjelo Babe–Prijepolje, Serbia.
344851. 56. Draglica Borova Glava, Serbia.
344852. 57. Bjelo Babe–Prijepolje, Serbia.
344853. 58. Przar–Skopsca Cotlina, Macedonia.
344854. 59. Cutlovo–Cragujevac, Serbia.
344855. 60. Svrackovci–Gor. Milanovac, Serbia.
344856. 61. Maslosevo–Stragari, Serbia.
344857. 62. Svarackovci Gor. Milanovac, Serbia.
344858. 63. Orahovac, Serbia.
344859. 64. Novocani–T. Veles, Macedonia.

344860 to 344961. HORDEUM VULGARE L. Gramineae. **Common barley.**

344860. 1. Dragulje–Blace, Serbia.
344861. 2. Maslosevo–Stragari, Serbia.
344862. 3. Maslosevo–Stragari, Serbia.
344863. 4. Belo Polje–G.Milanovac, Serbia.
344864. 5. Novocani–T. Veles, Macedonia.
344865. 6. Paralov–Bistrica, Serbia.
344866. 7. Tulare–Blace, Serbia.
344867. 8. Jugbogdanovac–Procuplje, Serbia.
344868. 9. Marasina–Dobric, Serbia.
344869. 10. Leposavic–Rasca, Serbia.
344870. 11. Przar–S. Kotlina, Macedonia.
344871. 12. Cumanovo, Macedonia.
344872. 13. Przar–S. Kotlina, Macedonia.
344873. 14. Tulare–Procuplje, Serbia.
344874. 15. Brutoc–Gostivar, Macedonia.
344875. 16. Brutoc-Gostivar, Macedonia.

344776 to 345514—Continued

344860 to 344961—Continued

344876. 17. Camenica–Bela palanca, Serbia.
344877. 18. Novocani–T. Veles, Macedonia.
344878. 19. Novocani–T. Veles, Macedonia.
344879. 20. Ovce polje, Macedonia.
344880. 21. Ovce polje, Macedonia.
344881. 22. Kocani–Okol. Skoplja, Macedonia.
344882. 23. Przar–S. Kotlina, Macedonia.
344883. 24. Ovce Polje, Macedonia.
344884. 25. Ovce polje, Macedonia.
344885. 26. Bjelo Babe–Prijepolje, Serbia.
344886. 27. Bjelo Babe–Prijepolje, Serbia.
344887. 28. Maslosevo–Stargari, Serbia.
344888. 29. Alecsinac, Serbia.
344889. 30. Novocani–T. Veles, Macedonia.
344890. 31. Custurino–Strumica, Macedonia.
344891. 32. Bjelo Babe–Prijepolje, Serbia.
344892. 33. Bjelo Babe–Prijepolje, Serbia.
344893. 34. Besna Cobila–Nesvrat, Serbia.
344894. 35. Milosev do Zlatibor, Serbia.
344895. 36. Zelari–Vlasina, Serbia.
344896. 37. Vlasina, Serbia.
344897. 38. Bjelo Babe–Prijepolje, Serbia.
344898. 39. Vlasina, Serbia.
344899. 40. Buskat–Sjenica, Serbia.
344900. 41. Nesvrat–Besna kobila, Serbia.
344901. 42. Zelari–Vlasina, Serbia.
344902. 42/1. Gradsko–Vlasina, Serbia.
344903. 43. Ocruglice, Serbia.
344904. 44. Dobraca–Cragujevac, Serbia.
344905. 45. Bjelo Babe–Prijepolje, Serbia.
344906. 46. Buskat–Duga poljana, Serbia.
344907. 47. Gradsko–Vlasina, Serbia.
344908. 48. Put za Vlasinu, Serbia.
344909. 49. Cameno–H. Novi, Montenegro.
344910. 50. Crusevica–H. Novi, Montenegro.
344911. 51. Crusevica–H. Novi, Montenegro.
344912. 52. Tula–Aubci, Montenegro.
344913. 53. Zubci, Montenegro.
344914. 54. Fatnica, Montenegro.
344915. 55. Domanovici, Montenegro.
344916. 56. Capljina, Montenegro.

344776 to 345514—Continued

344860 to 344961—Continued

344917. 57. Dubrovnik, Montenegro.
344918. 58. Tolija–Gacco, Montenegro. Spring.
344919. 59. Caradje–Gacco, Montenegro. Spring.
344920. 60. Dulica–Gacco, Montenegro. Spring.
344921. 61. Gareva–Gacco, Montenegro. Spring.
344922. 62. Cule Fazlagica, Montenegro. Spring.
344923. 63. Gracanica–Gacco, Montenegro. Spring.
344924. 64. Caradje–Gacko, Montenegro.
344925. 65. Camenica–Cragujevac, Serbia.
344926. 65. Izgari na izvoru Sutjesce, Bosnia. Spring.
344927. 66. Tulare, Serbia.
344928. 66. Donja sutjesca–Foca, Bosnia. Spring.
344929. 67. Tulare, Serbia.
344930. 67. Bacica Foca, Bosnia. Spring.
344931. 68. Prilep, Macedonia.
344932. 68. Zavjata celebica–Foca, Bosnia. Spring.
344933. 69. Rasca, Serbia.
344934. 69. Celebica Foca, Bosnia. Spring.
344935. 70. General Jankovir, Macedonia.
344936. 70. Lucavica Foca, Bosnia. Spring.
344937. 71. Kamenica, Serbia.
344938. 71. Ocolina Cajnica, Bosnia. Spring.
344939. 72. Rasca, Serbia.
344940. 72. Bukovice–Cajnice, Bosnia. Spring.
344941. 73. Ocolina Cajnica, Bosnia. Spring.
344942. 74. Ponicve Cajnice. Bosnia. Spring.
344943. 75. Metaljce, Bosnia. Spring.
344944. 76. Rudnik izmedj Cajnica i Pljevalja, Bosnia. Spring.
344945. 77. Covaca Pljevlja, Montenegro. Spring.
344946. 78. Potcovaca Pljevlja, Montenegro. Spring.
344947. 79. Boljanici–Pljevlja, Montenegro. Spring.
344948. 80. Boljanici–Pljevlja, Montenegro. Spring.
344949. 81. Urljenice–Pljevlja, Montenegro. Spring.
344950. 82. Krnjace, Montenegro. Spring.
344951. 83. Izmedju Pljevalja i Jabice, Montenegro. Spring.
344952. 84. Odzaca i Casanice, Montenegro. Spring.
344953. 85. Cosanica–Pljevlja, Montenegro.
344954. 86. Vlahovici, Montenegro. Spring.
344955. 87. Djurdjevica Tare, Montenegro. Spring.
344956. 88. Zabljac, Montenegro Spring
344957. 89. Zazljak. Montenegro. Spring.

344776 to 345514—Continued

344860 to 344961—Continued

344958. 90. Zabljah. Montenegro. Spring.
344959. 91. Zabljac, Montenegro. Spring.
344960. 92. Meteljce Savnic, Montenegro. Spring.
344961. 93. Previna Savnic, Montenegro. Spring.

344962 to 345002. SECALE CEREALE L. Gramineae. Rye.

344962. 1–I/1. Tula–Zupci–Trebinje, Hercegovina.
344963. 2–I/2. Trebinje–Zupci, Hercegovina.
344964. 3–I/3. Graba–Zupci–Trebinje, Hercegovina.
344965. 4–I-4. Jasen–Trebinje, Hercegovina.
344966. 5–I/5. Fatnice–Stolac, Hercegovina.
344967. 6–I/6. Crnica–Domanovici–Mostar, Hercegovina.
344968. 7–I/7. Caradje–Gacko, Hercegovina.
344969. 8–I/8. Gracanica–Gacko, Hercegovina.
344970. 9–I/9. Caradje–Gacko, Hercegovina.
344971. 10–I/10. Garevo–Gacko, Hercegovina.
344972. 11–I/11. Kula Fazlagica–Gacko, Hercegovina.
344973. 12–I/12. Kula Fazlagica–Gacko, Hercegovina.
344974. 13–II/13. Golija–Gacko, Hercegovina.
344975. 14–II/14. Gvozd–Niksic, Montenegro.
344976. 15–II/15. Caradje–Gacko, Hercegovina.
344977. 16–II/16. Gracanica–Gacko, Hercegovina.
344978. 17–II/17. Kula–Fazlagica–Gacko, Hercegovina.
344979. 18–II/18. Potkovac–Pljevje, Montenegro.
344980. 19–II/19. Krnjace–Pljevlje–Priboj, Montenegro.
344981. 20–II/20. Jabuka–Pljevlje, Montenegro.
344982. 21–II/21. Vlahovic–Kosanica–Pljevlje, Montenegro.
344983. 22–II/22. Mljeticka–Savnik, Montenegro.
344984. 24–II/24. Mokrog–Savnik, Montenegro.
344985. 25. Majdanpek, Serbia.
344986. 26. Merosina, Serbia.
344987. 27. Samolica, Serbia.
344988. 28. Labljane, Kosovo.
344989. 29. Slivovo, Kosovo.
344990. 30. Donje Kormilovo, Kosovo.
344991. 31. Ovce Polje, Macedonia.
344992. 33. Selo Draglica–Blace, Serbia.
344993. 35. Merosina–Prokuplje, Serbia.
344994. 36. Strumica–Rabrovo, Macedonia.
344995. 37. Belobabe–Prijepolje–Sjenica, Serbia.
344996. 38. Kumanovo, Macedonia.
344997. 39. Urosevac, Kosovo.

344776 to 345514—Continued

344962 to 345002—Continued

344998. 40. Strumica, Macedonia.
344999. 41. Laktovica kod Stipa, Macedonia.
345000. 42. Mramor–Prokuplje, Serbia.
345001. 43. Strumica–okolina, Macedonia.
345002. 44. Pranjani–G. Milanovac, Serbia.

345003 to 345514. TRITICUM AESTIVUM L. Gramineae. Common wheat.

345003. 1–I/1a. Svetinja–Kragujevac, Serbia.
345004. 2–I/1–b. Svetinja–Kragujevac, Serbia.
345005. 3–I/1–c. Svetinja–Kragujevac, Serbia.
345006. 4–I/2–ab. Kamenica–Kragujevac, Serbia.
345007. 5–I/2–c. Kamenica–Kragujevac, Serbia.
345008. 6–I/3–a. Bare–Kragujevac, Serbia.
345009. 7–I/3–b. Bare–Kragujevac, Serbia.
345010. 8–I/3–c. Bare–Kragujevac, Serbia.
345011. 9–I/4–a. Kutlovo–Kragujevac, Serbia.
345012. 10–I/4–b. Kutlovo–Kragujevac, Serbia.
345013. 11–I/4–c. Kutlovo–Kragujevac, Serbia.
345014. 12–I/5–a. Stragari–Blaznava, Serbia.
345015. 13–I/5–b. Stragari–Blaznava, Serbia.
345016. 14–I/6–a. Stragari–Maslosevo, Serbia.
345017. 15–I/6–b. Stragari–Maslosevo, Serbia.
345018. 16–I/7–a. Svackovac–G. Milanovac, Serbia.
345019. 17–I/7–c. Svackovac–G. Milanovac, Serbia.
345020. 18–I/8–a. Grabovica–G. Milanovac, Serbia.
345021. 19–I/8–b. Grabovica–G. Milanovac, Serbia.
345022. 20–I/8–c. Grabovica–G. Milanovac, Serbia.
345023. 21–I/9–a. Klaticevo–G. Milanovac, Serbia.
345024. 22–I/9–b. Klaticevo–G. Milanovac, Serbia.
345025. 23–I/9–c. Klaticevo–G. Milanovac, Serbia.
345026. 24–I/10–a. Belo Polje–G. Milanovac, Serbia.
345027. 25–I/10–c. Belo Polje–G. Milanovac, Serbia.
345028. 26–I/11–a. Rudnik–G. Milanovac, Serbia.
345029. 27–I/11–b. Rudnik–G. Milanovac, Serbia.
345030. 28–I/11–c. Rudnik–G. Milanovac, Serbia.
345031. 29–I/12–c. Stanina Reka–Del., Serbia.
345032. 30–I/13–a. Sirnovci–Cacak, Serbia.
345033. 31–I/13–c. Sirnovci–Cacak, Serbia.
345034. 32–II/1–a. Sepke–Razanj, Serbia.
345035. 33–II/1–b. Sepke–Razanj, Serbia.
345036. 34–II/1–e. Sepke–Razanj, Serbia.
345037. 35–II/2–a. Sepke–Razanj, Serbia.

344776 to 345514—Continued

345003 to 345514—Continued

345038. 36–II/2–b. Sepke–Razanj, Serbia.
345039. 37–II/2–e. Sepke–Razanj, Serbia.
345040. 38–II/3–b. Razanj, Serbia.
345041. 39–II/3–e. Razanj, Serbia.
345042. 40–II/4–a. Aleksandrovo–Mramor, Serbia.
345043. 41–II/4–b. Aleksandrovo–Mramor, Serbia.
345044. 42–II/4–e. Aleksandrovo–Mramor, Serbia.
345045. 43–II/4–f. Aleksandrovo–Mramor, Serbia.
345046. 44–II/5–b. Merosina, Serbia.
345047. 45–II/6–a. Merosina, Serbia.
345048. 46–II/6–b. Merosina, Serbia.
345049. 47–II/6–c. Merosina, Serbia.
345050. 48–II/6–e. Merosina, Serbia.
345051. 49–II/7–a. Merosina, Serbia.
345052. 50–II/7–b. Merosina, Serbia.
345053. 51–II/7–e. Merosina, Serbia.
345054. 52–II/8–a. Jugbogdanovac, Serbia.
345055. 53–II/8–b. Jugbogdanovac, Serbia.
345056. 54–II/8–c. Jugbogdanovac, Serbia.
345057. 55–II/8–e. Jugbogdanovac, Serbia.
345058. 56–II/8–f. Jugbogdanovac, Serbia.
345059. 57–II/8–g. Jugbogdanovac, Serbia.
345060. 58–II/9–a. Zitoradja–Recica, Serbia.
345061. 59–II/9–b. Zitoradja–Recica, Serbia.
345062. 60–II/9–e. Zitoradja–Recica, Serbia.
345063. 61–II/10–a. Zitoradja–Recica, Serbia.
345064. 62–II/10–b. Zitoradja–Recica, Serbia.
345065. 63–II/11–a. Zitoradja–Recica, Serbia.
345066. 64–II/11–b. Zitoradja–Recica, Serbia.
345067. 65–II/11–c. Zitoradja–Recica, Serbia.
345068. 66–II/11–e. Zitoradja–Recica, Serbia.
345069. 67–II/12–a. Prokuplje–Bresnicici, Serbia.
345070. 68–II/12–b. Prokuplje–Bresnicici, Serbia.
345071. 69–II/12–g. Prokuplje–Bresnicici, Serbia.
345072. 70–II/13–a. Prokuplje–Bresnicici, Serbia.
345073. 72–II/13–b. Prokuplje–Bresnicici, Serbia.
345074. 73–II/14–a. Plocnik–Kursumlija, Serbia.
345075. 74–II/14–b. Plocnik–Kursumlija, Serbia.
345076. 75–II/14–c. Plocnik–Kursumlija, Serbia.
345077. 76–II/15–a. Plocnik–Kursumlija, Serbia.
345078. 77–II/15–c. Plocnik–Kursumlija, Serbia.

344776 to 345514—Continued

345003 to 345514—Continued

345079.	78–II/16–a.	Brus–Tresanovac, Serbia.
345080.	79–II/16–b.	Brus–Tresanovac, Serbia.
345081.	80–II/17–a.	Blace–Dragunje, Serbia.
345082.	81–II/17–b.	Blace–Dragunje, Serbia.
345083.	82–II/18–a.	Blace–Tulare, Serbia.
345084.	83–II/18–b.	Blace–Tulare, Serbia.
345085.	84–II/18–c.	Blace–Tulare, Serbia.
345086.	85–II/19–a.	Blace–Tulare, Serbia.
345087.	86–II/19–b.	Blace–Tulare, Serbia.
345088.	87–II/19–e.	Blace–Tulare, Serbia.
345089.	88–II/20–a.	Blace–Tulare, Serbia.
345090.	89–II/20–b.	Blace–Tulare, Serbia.
345091.	90–II/20–e.	Blace–Tulare, Serbia.
345092.	91–II/21–a.	Rvati–Raska, Serbia.
345093.	92–II/21–b.	Rvati–Raska, Serbia.
345094.	93–II/22–a.	Rvati–Raska, Serbia.
345095.	94–II/22–b.	Rvati–Raska, Serbia.
345096.	95–II/23–h.	Slatina–Ibar, Serbia.
345097.	96–II/24–a.	Raska–Kopaonik, Serbia.
345098.	97–II/24–b.	Raska–Kopaonik, Serbia.
345099.	98–II/25–a.	Kopaonik–Raska, Serbia.
345100.	99–II/25–b.	Kopaonik–Raska, Serbia.
345101.	100–II/25–c.	Kopaonik–Raska, Serbia.
345102.	101–II/25–d.	Kopaonik–Raska, Serbia.
345103.	102–II/25.	Kopaonik–Raska, Serbia.
345104.	104–II/26–a.	Kalinovici–Raska, Serbia.
345105.	104–II/26–b.	Kalinovici–Raska, Serbia.
345106.	105–II/27–a.	Rudnica–Kopaonik, Serbia.
345107.	106–II/27.	Rudnica–Kopaonik, Serbia.
345108.	107–II/28–a.	Raska–Usce, Serbia.
345109.	108–II/28–b.	Raska–Usce, Serbia.
345110.	109–II/28–e.	Raska–Usce, Serbia.
345111.	110–III/1–a.	Tara–Bajina Basta, Serbia.
345112.	111–III/2–i.	Kokin Brod, Serbia.
345113.	112–III/3–a.	Kokin Brod, Serbia.
345114.	113–III/3–i.	Kokin Brod, Serbia.
345115.	114–III/4–a.	Radojina, Serbia.
345116.	115–III/4–b.	Radojina, Serbia.
345117.	116–III/5–b.	Radojina, Serbia.
345118.	117–III/5–i.	Radojina, Serbia.
345119.	118–III/6–a.	Radojina, Serbia.

344776 to 345514—Continued

345003 to 345514—Continued

345120. 119–III/6–e. Radojina, Serbia.
345121. 120–III/6–i. Radojina, Serbia.
345122. 121–III/7–a. Kremna, Serbia.
345123. 122–III/7–b. Kremna, Serbia.
345124. 123–III/7–d. Kremna, Serbia.
345125. 124–III/8–a. Belobaba-Prijepolje, Serbia.
345126. 125–III/9. Belobaba-Prijepolje, Serbia.
345127. 126–III/10. Belobaba-Prijepolje, Serbia.
345128. 127–IV/1–a. Boljevac, Serbia.
345129. 128–IV/1–b. Boljevac, Serbia.
345130. 129–IV/1–e. Boljevac, Serbia.
345131. 130–IV/2–b. Slicevacka Klisura, Serbia.
345132. 131–IV/2–e. Slicevacka Klisura, Serbia.
345133. 132–IV/3. Slicevacka Klisura, Serbia.
345134. 133–IV/4–a. Bela Palanka, Serbia.
345135. 134–IV/4–b. Bela Palanka, Serbia.
345136. 135–IV/5–a. Bela Palanka-Majer, Serbia.
345137. 136–IV/5–b. Bela Palanka-Majer, Serbia.
345138. 137–IV/6–b. Majdanpek, Serbia.
345139. 138–IV/6–e. Majdanpek, Serbia.
345140. 139–IV/7–a. Vrazogrnci, Serbia.
345141. 140–IV/7–b. Vrazogrnci, Serbia.
345142. 141–IV/8–a. Pirot, Serbia.
345143. 142–IV/8–b. Pirot, Serbia.
345144. 143–V/1–a. Grdelica-Kopasnica, Serbia.
345145. 144–V/1–b. Grdelica-Kopasnica, Serbia.
345146. 145–V/1–c. Grdelica-Kopasnica, Serbia.
345147. 146–V/1–d. Grdelica-Kopasnica, Serbia.
345148. 147–V/1–e. Grdelica-Kopasnica, Serbia.
345149. 148–V/2–b. Grdelica-Orahovac, Serbia.
345150. 149–V/1–j. Grdelica-Orahovac, Serbia.
345151. 150–V/3–a. Vladicin Han, Serbia.
345152. 151–V/3–b. Vladicin Han, Serbia.
345153. 152–V/3–c. Vladicin Han, Serbia.
345154. 153–V/3–j. Vladicin Han, Serbia.
345155. 154–V/4–a. Vladicin Han, Serbia.
345156. 155–V/4–b. Vladicin Han, Serbia.
345157. 156–V/4–c. Vladicin Han, Serbia.
345158. 157–V/4–j. Vladicin Han, Serbia.
345159. 158–V/5–a. Vladicin Han, Serbia.
345160. 159–V/5–b. Vladicin Han, Serbia.

344776 to 345514—Continued

345003 to 345514—Continued

345161. 160–V/5–c. Vladicin Han, Serbia.
345162. 161–V/5–d. Vladicin Han, Serbia.
345163. 162–V/5–j. Vladicin Han, Serbia.
345164. 163–V/6–a. Bujanovac Polje, Serbia.
345165. 164–V/6–b. Bujanovac Polje, Serbia.
345166. 165–V/7–a. Bujanovac Polje, Serbia.
345167. 166–V/7–b. Bujanovac Polje, Serbia.
345168. 167–V/7–c. Vladicin Han, Serbia.
345169. 168–V/8–a. Bujanovac-Lucane, Serbia.
345170. 169–V/8–b. Bujanovac-Lucane, Serbia.
345171. 170–V/8–d. Bujanovac-Lucane, Serbia.
345172. 171–V/8–i. Bujanovac-Lucane, Serbia.
345173. 172/V/9–d. Samojlija, Serbia.
345174. 173–V/9–j. Samojlija, Serbia.
345175. 174–V/10–a. Samojlija, Serbia.
345176. 175–V/10–e. Samojlija, Serbia.
345177. 176–V/10–j. Samojlija, Serbia.
345178. 177–V/11–a. Samojlija, Serbia.
345179. 178–VI/1–a. Bujanovac Polje, Kosovo.
345180. 179–VI/1–b. Bujanovac Polje, Kosovo.
345181. 180–VI/1–d. Bujanovac Polje, Kosovo.
345182. 181–VI/2–a. Donje Kormilovo, Kosovo.
345183. 182–VI/2–b. Donje Kormilovo, Kosovo.
345184. 183–VI/2–d. Donje Kormilovo, Kosovo.
345185. 184–VI/2–j. Donje Kormilovo, Kosovo.
345186. 185–VI/2. Donje Kormilovo, Kosovo.
345187. 186–VI/3–a. Donje Kormilovo, Kosovo.
345188. 187–VI/3–b. Donje Kormilovo, Kosovo.
345189. 188–VI/4–a. Donje Kormilovo, Kosovo.
345190. 189–VI/4–b. Donje Kormilovo, Kosovo.
345191. 190–VI/4–j. Donje Kormilovo, Kosovo.
345192. 191–VI/5–a. Put-Gracanica, Kosovo.
345193. 192–VI/6–a. Ajvajlija, Kosovo.
345194. 193–VI/6–b. Ajvajlija, Kosovo.
345195. 194–VI/6–d. Ajvajlija, Kosovo.
345196. 195–VI/6–i. Ajvajlija, Kosovo.
345197. 196–VI/7–a. Ajvajlija, Kosovo.
345198. 197–VI/7–b. Ajvajlija, Kosovo.
345199. 198–VI/7–j. Ajvajlija, Kosovo.
345200. 199–VI/8–a. Slivovo, Kosovo.
345201. 200–VI/8–b. Slivovo, Kosovo.

344776 to 345514—Continued

345003 to 345514—Continued

345202. 201–VI/8–d. Slivovo, Kosovo.
345203. 202–VI/8–i. Slivovo, Kosovo.
345204. 203–VI/8–j. Slivovo, Kosovo.
345205. 204–VI/9–a. Labljena, Kosovo.
345206. 205–VI/9–i. Labljena, Kosovo.
345207. 206–VI/9–j. Labljena, Kosovo.
345208. 207–VI/10–a. Paralovo, Kosovo.
345209. 208–VI/10–b. Paralovo, Kosovo.
345210. 209–VI/10–j. Paralovo, Kosovo.
345211. 210–VI/11–a. Paralovo, Kosovo.
345212. 211–VI/11–b. Paralovo, Kosovo.
345213. 212–VI/11–i. Paralovo, Kosovo.
345214. 213–VI/11–j. Paralovo, Kosovo.
345215. 214–VI/12–a. Krusje, Kosovo.
345216. 215–VI/12–b. Krusje, Kosovo.
345217. 216–VI/12–b. Krusje, Kosovo.
345218. 217–VI/13–b. Kosovo Polje, Kosovo.
345219. 218–VI/14–a. Kosovska Mitrovica, Kosovo.
345220. 219–VI/15–a. Kosovska Mitrovica, Kosovo.
345221. 220–VI/15–b. Kosovska Mitrovica, Kosovo.
345222. 221–VI/16–a. Kosovska Mitrovica, Kosovo.
345223. 222–VI/16–c. Kosovska Mitrovica, Kosovo.
345224. 223–VI/16–j. Kosovska Mitrovica, Kosovo.
345225. 224–VI/17–a. Kosovska Mitrovica, Kosovo.
345226. 225–VI/17–i. Kosovska Mitrovica, Kosovo.
345227. 226–VI/17–j. Kosovska Mitrovica, Kosovo.
345228. 227–VI/18–a. Vucitrn, Kosovo.
345229. 228–VI/18–c. Vucitrn, Kosovo.
345230. 229–VI/19–j. Vucitrn, Kosovo.
345231. 230–VI/20. Vucitrn, Kosovo.
345232. 231–VI/20. Vucitrn, Kosovo.
345233. 232–VI/20. Vucitrn, Kosovo.
345234. 233–VII/1. Kumanovo, Macedonia.
345235. 234–VII/1. Kumanovo, Macedonia.
345236. 235–VII/1. Kumanovo, Macedonia.
345237. 236–VII/1. Kumanovo, Macedonia.
345238. 237–VIII/2. Gornje Kajnare-Kumanovo, Macedonia.
345239. 238–VII/3. Gornje Kajnare-Kumanovo, Macedonia.
345240. 239–VII/3. Gornja Kajnare-Kumanovo, Macedonia.
345241. 240–VII/3. Gornje Kajnare-Kumanovo, Macedonia.
345242. 241–VII/4. Przar-Skopska Kotlina, Macedonia.

344776 to 345514—Continued

345003 to 345514—Continued

345243.	242–VII/4.	Przar-Skopska Kotlina, Macedonia.
345244.	243–VII/4.	Przar-Skopska Kotlina, Macedonia.
345245.	244–VII/5.	Przar-Skopska Kotlina, Macedonia.
345246.	245–VII/6.	Titov Veles, Macedonia.
345247.	246–VII/6.	Titov Veles, Macedonia.
345248.	247–VII/7.	Novacani-Titov Veles, Macedonia.
345249.	248–VII/7.	Novacani-Titov Veles, Macedonia.
345250.	249–VII/7.	Novacani-Titov Veles, Macedonia.
345251.	250–VII/7.	Novacani-Titov Veles, Macedonia.
345252.	251–VII/8.	Skopsko Polje, Macedonia.
345253.	252–VII/8.	Skopsko Polje, Macedonia.
345254.	253–VII/9.	Skoplje, Macedonia.
345255.	254–VII/10.	Skoplje, Macedonia.
345256.	255–VII/10.	Skoplje, Macedonia.
345257.	256–VII/11.	Skoplje, Macedonia.
345258.	257–VII/11.	Skoplje, Macedonia.
345259.	258–VII/11.	Skoplje, Macedonia.
345260.	259–VII/12.	Skoplje, Macedonia.
345261.	260–VII/13.	Skoplje, Macedonia.
345262.	261–VII/13.	Skoplje, Macedonia.
345263.	262–VII/14.	Ovce polje, Macedonia.
345264.	263–VII/14.	Ovce polje, Macedonia.
345265.	264–VII/14.	Ovce polje, Macedonia.
345266.	265–VII/15.	Ovce polje-Coljosevo, Macedonia.
345267.	266–VII/15.	Ovce Polje-Coljosevo, Macedonia.
345268.	267–VII/16.	Ovce Polje, Macedonia.
345269.	268–VII/16.	Ovce Polje, Macedonia.
345270.	269–VII/16.	Ovce Polje, Macedonia.
345271.	270–VII/16.	Ovce Polje, Macedonia.
345272.	271–VII/17.	Ovce Polje, Macedonia.
345273.	272–VII/17.	Ovce Polje, Macedonia.
345274.	273–VII/17.	Ovce Polje, Macedonia.
345275.	274–VII/17.	Ovce Polje, Macedonia.
345276.	275–VII/17.	Ovce Polje, Macedonia.
345277.	276–VII/18.	Ovce Polje Colosevo, Macedonia.
345278.	277–VII/18.	Ovce Polje Colosevo, Macedonia.
345279.	278–VII/18.	Ovce Polje Colosevo, Macedonia.
345280.	279–VII/19.	Stip, Macedonia.
345281.	280–VII/19.	Stip, Macedonia.
345282.	281–VII/19.	Stip, Macedonia.
345283.	282–VII/20.	Boletlija, Macedonia.

344776 to 345514—Continued

345003 to 345514—Continued

345284. 283–VII/21. Brazda-Kale, Macedonia.
345285. 284–VII/21. Brazda-Kale, Macedonia.
345286. 285–VII/21. Brazda-Kale, Macedonia.
345287. 286–VII/22. Stip-Strumica, Macedonia.
345288. 287–VII/22. Stip-Strumica, Macedonia.
345289. 288–VII/22. Stip-Strumica, Macedonia.
345290. 289–VII/23. Strumica, Macedonia.
345291. 290–VII/23. Strumica, Macedonia.
345292. 291–VII/23. Strumica, Macedonia.
345293. 292–VII/24. Okolina Strumica, Macedonia.
345294. 293–VII/24. Okolina Strumica, Macedonia.
345295. 294–VII/25. Okolina Strumica, Macedonia.
345296. 295–VII/26. Okolina Strumica.
345297. 296–VII/26. Okolina Strumica, Macedonia.
345298. 297–VII/26. Okolina Strumica, Macedonia.
345299. 298–VII/27. Strumica, Macedonia.
345300. 299–VII/28. Strumica, Macedonia.
345301. 300–VII/28. Strumica, Macedonia.
345302. 301–VII/29. Kosturno-Strumica, Macedonia.
345303. 302–VII/30. Strumica, Macedonia.
345304. 303–VII/31. Rabrovo-Strumica, Macedonia.
345305. 305–VII/32. Demir-Kapija, Macedonia.
345306. 306–VII/32. Demir Kapija, Macedonia.
345307. 307–VII/32. Demir-Kapija, Macedonia.
345308. 308–VII/32. Demir-Kapija, Macedonia.
345309. 309–VII/33. Demir-Kapija, Macedonia.
345310. 310–VII/33. Demir-Kapija, Macedonia.
345311. 311–VII/34. Demir-Kapija, Macedonia.
345312. 312–VII/34. Demir-Kapija, Macedonia.
345313. 313–VII/35. Dojran, Macedonia.
345314. 314–VII/36. Stip, Macedonia.
345315. 315–VII/36. Stip, Macedonia.
345316. 316–VII/37. Kavadarci, Macedonia.
345317. 317–VII/37. Kavadarci, Macedonia.
345318. 318–VII/37. Kavadarci, Macedonia.
345319. 319–VII/38. Tetovo-Laskarce, Macedonia.
345320. 320–VII/39. Prilep-Crna Reka, Macedonia.
345321. 321–VII/39. Prilep-Crna Reka, Macedonia.
345322. 322–VII/40. Prilep, Macedonia.
345323. 323–VII/40. Prilep, Macedonia.
345324. 324–VII/41. Stobi-Prilep-Kamendol, Macedonia.

344776 to 345514—Continued

345003 to 345514—Continued

345325.	325–VII/41.	Stobi-Prilep-Kamendol, Macedonia.
345326.	326–VII/41.	Stobi-Prilep-Kamendol, Macedonia.
345327.	327–VII/41.	Stobi-Prilep-Kamendol, Macedonia.
345328.	328–VII/41.	Stobi-Prilep-Kamendol, Macedonia.
345329.	329–VII/42.	Kamendol, Macedonia.
345330.	330–VII/42.	Kamendol, Macedonia.
345331.	331–VII/42.	Kamendol, Macedonia.
345332.	332–VII/43.	Resan, Macedonia.
345333.	333–VII/43.	Resan, Macedonia.
345334.	334–VII/43.	Resan, Macedonia.
345335.	335–VII/43.	Resan, Macedonia.
345336.	336–VII/43.	Resan, Macedonia.
345337.	337–VII/44.	Struga, Macedonia.
345338.	338–VII/44.	Struga, Macedonia.
345339.	339–VII/45.	Struga, Macedonia.
345340.	340–VII/45.	Struga, Macedonia.
345341.	341–VII/45.	Struga, Macedonia.
345342.	342–VII/46.	Gostivar, Macedonia.
345343.	343–VII/46.	Gostivar, Macedonia.
345344.	344–VII/46.	Gostivar, Macedonia.
345345.	345–VIII/1.	Lovcen, Montenegro.
345346.	346–VIII/2.	Lovcen, Montenegro.
345347.	347/VIII/3.	Lovcen, Montenegro.
345348.	348–VIII/4.	Lovcen, Montenegro.
345349.	349–VIII/5.	Lovcen, Montenegro.
345350.	350–I/1.	Krus, Montenegro.
345351.	351–I/3.	Mrkojevici, Montenegro.
345352.	352–I/4.	Grabljanka, Montenegro.
345353.	353–I/5.	Grabljanka,-Mrkojevici, Montenegro.
345354.	354–I/6.	Selita-Vladimir, Montenegro.
345355.	354a–I/7.	Vladimir, Montenegro.
345356.	355–I/8.	Lukovo, Montenegro.
345357.	356–I/9.	Grabljanka-Mrkojevici, Montenegro.
345358.	357–I/10.	Kamenicko, Montenegro.
345359.	358–I/11.	Kamenici most, Montenegro.
345360.	359–I/11.	Klezne-Vladimir, Montenegro.
345361.	360–I/13.	Klezne-Vladimir, Montenegro.
345362.	361–I/14.	Majina, Montenegro.
345363.	362–I/15.	Zutarica-Majina, Montenegro.
345364.	363–I/16.	Zutarica-Majina, Montenegro.
345365.	364–I/17.	Kamenicki most, Montenegro.

344776 to 345514—Continued

345003 to 345514—Continued

345366.	365–I/18.	Sestana, Montenegro.
345367.	366–I/19.	Tejana-Krajina, Montenegro.
345368.	367–I/20.	Tejana-Krajina, Montenegro.
345369.	368–I/21.	Becica-Budva, Montenegro.
345370.	369–I/22.	Kosijero, Montenegro.
345371.	370–I/23.	Sestana-Krajina, Montenegro.
345372.	371–I/24.	Grac-Ljesanska Nahija, Montenegro.
345373.	372–I/25.	Kokot, Montenegro.
345374.	373–I/26.	Kosijer, Montenegro.
345375.	374–I/27.	Livar, Montenegro.
345376.	375–I/28.	Grac-Ljesanska Nahija, Montenegro.
345377.	376–I/29.	Ubala Kuci, Montenegro.
345378.	377–I/30.	Vladimir, Montenegro.
345379.	378–I/31.	Vuksan Lekic, Montenegro.
345380.	379–I/32.	Ljesanska Nahija, Montenegro.
345381.	380–I/33.	Martinic, Montenegro.
345382.	381–I/34.	Kokot, Montenegro.
345383.	382–I/35.	Tejana Krajina, Montenegro.
345384.	383–I/36.	Spinja Tuzi, Montenegro.
345385.	384–I/37.	Vranjic, Montenegro.
345386.	385–I/38.	Ubala Kuci, Montenegro.
345387.	386–I/39.	Sotonic, Montenegro.
345388.	387–II/40.	Mide-Ulcinj, Montenegro.
345389.	388–II/41.	Dobre Vode-Bar, Montenegro.
345390.	389–I/42.	Dobre Vode-Bar, Montenegro.
345391.	390–II/43.	Dobre Vode-Bar, Montenegro.
345392.	391–II/44.	Pecurice-Bar, Montenegro.
345393.	392–II/45.	Sustasa-Bar, Montenegro.
345394.	393–II/46.	Tudjemila-Bar, Montenegro.
345395.	394–III/47.	Limljana-Bar, Montenegro.
345396.	395–III/48.	Limljana-Bar, Montenegro.
345397.	396–III/49.	Gornje Zagarcje-Danilov Grad, Montenegro.
345398.	397–III/50.	Limljane-Bar, Montenegro.
345399.	398–III/51.	Spinja-Skorac-Titograd, Montenegro.
345400.	399–III/52.	Korac-Titograd, Montenegro.
345401.	400–III/54.	Kureca, Montenegro.
345402.	401–III/54.	Cijevne-Titograd, Montenegro.
345403.	402–III/55.	Vuksan Lekic-Titograd, Montenegro.
345404.	404–III/56.	Cijevne-Titograd, Montenegro.
345405.	404–III/57.	Vuksan Lekic, Montenegro.
345406.	405–III/58.	Siorac-Titograd, Montenegro.

344776 to 345514—Continued

345003 to 345514—Continued

345407.	406–III/59.	Bjelopavlic-Danilovgrad, Montenegro.
345408.	407–IV/60.	Trebinje, Hercegovina.
345409.	408–IV/61.	Poplata-Stolac, Hercegovina.
345410.	409–IV/62.	Zuklje-Stolac, Hercegovina.
345411.	410–IV/63.	Stolac-Domanovici, Hercegovina.
345412.	411–IV/64.	Crnic-Stolac, Hercegovina.
345413.	412–IV/65.	Ljubomir-Trebinje, Hercegovina.
345414.	413–V/66.	Predolja-Bileca, Hercegovina.
345415.	414–V/67.	Berkovic, Hercegovina.
345416.	415–V/68.	Bilece, Hercegovina.
345417.	416–V/69.	Bilece, Hercegovina.
345418.	417–VI/70.	Ozrnic-Niksic, Montenegro.
345419.	418–VI/71.	Zupte-Kuta-Niksic, Montenegro.
345420.	419–VI/72.	Kocane-Kula-Lekovic-Niksic, Montenegro.
345421.	420–VI/73.	Kocana-Niksic, Montenegro.
345422.	421–VI/74.	Vulus-Niksic, Montenegro.
345423.	422–VI/75.	Grahovsko-Niksic, Montenegro.
345424.	423–VII/76.	Rasovo-Bijelo Polje, Montenegro.
345425.	424–VII/77.	Rasovo-Bijelo Polje, Montenegro.
345426.	425–VII/78.	Rasovo-Bijelo Polje, Montenegro.
345427.	426–VII/79.	Rasovo-Bijelo Polje, Montenegro.
345428.	427–VII/80.	Rasovo-Bijelo Polje, Nontenegro.
345429.	428–VII/81.	Police-Ivangrad, Montenegro.
345430.	429–VII/82.	Police-Ivangrad, Montenegro.
345431.	430–VII/83.	Ivangrad, Montenegro.
345432.	431–VII/84.	Police-Ivangrad, Montenegro.
345433.	432–VIII/85.	Donje Caradje-Gacko, Hercegovina.
345434.	433–VIII/86.	Donje Caradje-Gacko, Hercegovina.
345435.	434–VIII/87.	Kazanac-Gascko, Hercegovina.
345436.	435–VIII/88.	Gacko Polje, Hercegovina.
345437.	436–VIII/92.	Odzaci-Nevesinje, Hercegovina.
345438.	437–VIII/93.	Odzaci-Nevesinje, Hercegovina.
345439.	438–IX/94.	Pastrovici-Petrovac, Montenegro.
345440.	439–IX/95.	Dobravki-Konavlji, Hercegovina.
345441.	440–IX/96.	Konavlji-Dubrovnik, Croatia.
345442.	441–IX/97.	Stona kod Dubrovnika, Croatia.
345443.	442–IX/98.	Dola-Dubrovnik, Croatia.
345444.	443–IX/99.	Graba-Zupci-Trebinje, Hercegovina.
345445.	444–IX/100.	Kraja-Zupci-Trebinje, Hercegovina.
345446.	445–IX/101.	Tula-Zupci-Trebinje, Hercegovina.
345447.	446–IX/102.	Graba-Zupci-Trebinje, Hercegovina.

344776 to 345514—Continued

345003 to 345514—Continued

345448. 447–IX/103. Trebinje, Hercegovina.
345449. 448–IX/104. Fatnice-Stolac, Hercegovina.
345450. 449–IX/105. Jasena-Trebinje, Hercegovina.
345451. 450–IX/106. Fatnice-Stolac, Hercegovina.
345452. 451–IX/107. Capljina, Hercegovina.
345453. 452–IX/108. Rutovo Blato, Hercegovina.
345454. 453–IX/109. Pocitelje, Hercegovina.
345455. 454–IX/110. Dole kod Stona-Dubrovnik, Croatia.
345456. 455–X/111. Caradje-Gacko, Hercegovina.
345457. 456–X/112. Caradje-Gacko, Hercegovina.
345458. 457–X/113. Garevo-Gacko, Hercegovina.
345459. 458–X/114. Garevo-Gacko, Hercegovina.
345460. 459–X/115. Gracanice-Gacko, Hercegovina.
345461. 460–X/116. Odzaci-Kosanice-Pljevlje, Hercegovina.
345462. 461. Vitka, Kosmet.
345463. 462. Vracesnica, Serbia.
345464. 463. N. Pazar-Negdinja, Serbia.
345465. 464. Bjelo Babe-Prijepolje, Serbia.
345466. 465. Buriste, Serbia.
345467. 466. Zlatibor, Serbia.
345468. 466–a. Zlatibor, Serbia.
345469. 467. Vrzcesnica, Serbia.
345470. 468. Susica-Pec, Kosovo.
345471. 469. Kokin Brod-Donja Bistrica, Serbia.
345472. 470. Nova Varos, Serbia.
345473. 470–a. Nova Varos, Serbia.
345474. 471. Milesevo, Serbia.
345475. 472. Vracesnica, Serbia.
345476. 473. Polom-Vladicin Han, Serbia.
345477. 474. Bistrica-Kokin Brod, Serbia.
345478. 474–a. Bistrica-Kokin Brod, Serbia.
345479. 475. Ogladjenovac-Valjevo, Serbia.
345480. 476. Rudnik-G. Milanovac, Serbia.
345481. 477. Polom-Vladicin Han, Serbia.
345482. 478. Grace-Pristina, Kosovo.
345483. 479. Ruviste-Raska, Serbia.
345484. 480. Stitare-Novi Pazar, Serbia.
345485. 480-a. Stitare-Novi Pazar, Serbia.
345486. 481. Dobraca, Serbia.
345487. 482. Ljuste-Kosovska Mitrovica, Kosovo.
345488. 482–a. Ljuste-Kosovska Mitrovica, Kosovo.

344776 to 345514—Continued

345003 to 345514—Continued

345489. 483. Vracesnica, Serbia.
345490. 484. Bukovica-Valjevo, Serbia.
345491. 485. Karaboljevac-Vranjska Banja, Serbia.
345492. 486. Kacevo, Serbia.
345493. 487. Bugarka, Serbia.
345494. 488. Nesvrt-Besna Kobila, Serbia.
345495. 489. Polog-Vladicin Han, Serbia.
345496. 490. Valjevo-Bukovica, Serbia.
345497. 491. Negvinja-Nova Varos, Serbia.
345498. 491–a. Negvinja-Nova Varos, Serbia.
345499. 492. Karaboljevac-Vranjska Banja, Serbia.
345500. 493. Klisura-Kriva Feja, Serbia.
345501. 494. Bukovica-Valjevo, Serbia.
345502. 495. Prevalac-Vranjska Banja, Serbia.
345503. 496. Gornja Bukovica, Serbia.
345504. 496–a. Gornja Bukovica, Serbia.
345505. 497. Vucitrn, Kosovo.
345506. 498–VIII/90. Caradja-Gacko, Hercegovina.
345507. 499–VIII/91. Odzaci-Nevesinje, Hercegovina.
345508. 500–XI/117. Kula-Fazlagic-Gacko, Hercegovina.
345509. 502–XI/119. Cemerna-Gacko-Foca, Hercegovina.
345510. 503–XI/120. Sutjeska-Foca, Bosna.
345511. 504–XI/121. Celebic-Foca, Bosna.
345512. 505–XI/122. Celebic-Foca, Bosna.
345513. 506–XI/123. Mleticka-Savnik, Montenegro.
345514. 507–VIII/89. Kifino selo-Nevesinje, Hercegovina.

345515. RICINUS COMMUNIS L. Euphorbiaceae. **Castorbean.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received September 22, 1969.

'New Pusa Hybrid 1'.

345516 to 345521. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**

From Germany. Seed presented by E. Ulonska, Bayer, Landessaatzuchtanstalt, Weihenstephan, Freising. Received October 1, 1969.

345516. Ackermann. 1911.
345517. Ackermann. 1920.
345518. Ackermann's Malta.
345519. Ingelen 2300.
345520. 3185/6082.
345521. 4102/6056.

345522. CRATAEGUS ORESBIA W. W. Smith Rosaceae.

From England. Seed presented from A. F. Mitchell, Forestry Commission, Forest Research Station, Alice Holt Lodge, Wrecclesham Farnham, Surrey. Received September 24, 1969.

F.28412.

345523. MYRICA RUBRA Sieb. & Zucc. Myricaceae. **Waxmyrtle.**

From Japan. Plant presented by M. Iizuka, Horticultural Research Station, Ministry of Agriculture & Forestry, Hiratsuka, Kanagawa. Received May 2, 1969.

'Zuiko'. (Pink).

345524. FRAGARIA sp. Rosaceae. **Strawberry.**

From Brazil. Seed presented by B. V. Skvortzov, Instituto de Botanica, Sao Paulo. Received October 1, 1969.

Cultivated around Sao Paulo.

345525. LATHYRUS SATIVUS L. Leguminosae.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received September 19, 1969.

'Rewa–2'.

345526 to 345528.

From Germany. Seed presented by E. Rehse, F. von Lochow-Petkus B.m.b.H., Zuchtstation Wetze. Received October 1, 1969.

345526. HORDEUM VULGARE L. Gramineae. **Common barley.**

'AGO'.

345527 and 345528. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

345527. 'Kleiber'.

345528. 'Kranich'.

345529 and 345530. TRIFOLIUM REPENS L. Leguminosae.

From Australia. Seed presented by Division of Tropical Pastures, Commonwealth Scientific and Industrial Research Organization, Brisbane. Received September 30, 1969.

345529. C.P.I. 19433. Lot PE 702.

345530. 'Samford'. Lot 98166.

345531. SECALE CEREALE L. Gramineae. **Rye.**

From England. Seed presented by National Seed Development Organization, White House Lane, Cambridge. Received Octobr 2, 1969.

'Rheidol'.

345532 to 345537.

From Uganda. Seed collected by K. O. Rachie, Makere University College, Kampala. Received September 24, 1969.

345532. PANICUM MAKARIKARIENSE (Goos.) Van Rensb. Gramineae.

345533 to 345535. PANICUM MAXIMUM Jacq. **Guineagrass.**

345533. Southwest Uganda near Queen Elizabeth Park, elevation 1,524 m.

345534. Kabanyolo East swamp.

345535. K.6240.

345536. PANICUM MAXIMUM var. TRICHOGLUME Eyles **Greenpanic grass.**

K.50201.

345537. PANICUM sp.

K. 6221.

345538. BAUHINIA CONGESTA (B. & R.) Lundell Leguminosae.

From Texas. Seed collected by Lynn Lowery, Houston, Tex. Received September 24, 1969. Anacacjo Mountain between Uvalda and Brackettville. Flowers small, white intermittent throughout spring and summer. Hardy at —7°C.

345539 to 345540.

From Union of Soviet Socialist Republics. Seed presented by All-Union Institute of Plant Industry, Leningrad. Received September 26, 1969.

345539. ALLIUM OSCHANINII B. Fedtsch. Liliaceae.

345540. ALLIUM POPOVII Vedensky

345541 to 345572.

From Union of Soviet Socialist Republics. Seed presented by All-Union Institute of Plant Industry, Leningrad. Received September 23, 1969.

345541 and 345542. BRASSICA OLERACEA var. BOTRYTIS L. Cruciferae. **Cauliflower.**

345541. K–80. 'Adlerskaja veseniaja'. Krasnodar territory.

345542. K–179. 'Adlerskaja zimniaja 679'. Krasnodar.

345543 to 345547. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

345543. K–3922. 'Liubimec krasnodar'. Northern Caucasus.

345544. K–3414. 'Melitopol' Skij 60'. The Ukraine.

345545. K–3588. 'Ogonek'. The Ukraine.

345546. K–4253. 'Roza Jugo-vostoka'. Volga region.

345547. K–3748. 'Volzskij 7'. Volga region.

345548 to 345551. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

345548. K–5815. 'Har'kovskaja zanniaja'. The Ukraine.

345549. K–5096. 'Tridcatidnevka'. The Ukraine.

345550. K–5326. 'Mestnaja'. Primorsk Province.

345551. K–5351. 'Mestnaja'. Primorsk Province.

345552 and 345553. LENS ESCULENTA Moench Leguminosae. **Lentil.**

345552. K–1289. 'Dagestanskaja'. Daghestan.

345553. K–6. 'Iranskaja 6'. Iran.

345554 to 345568. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

345554. K–2313. 'Altajskij konservnyj 2576'. Western Siberia.

345555. K–2973. 'Dokučaevskij 4'. Voronezh region.

345556. K–1969. 'Gruntovyj gribovskij 1180'. Moscow region.

345557. K–2162. 'Karlik 1185'. Moscow region.

345558. K–2101. 'Kievskij 139'. The Ukraine.

345559. K–7468. 'Lungusor'. Moldavia.

345560. K–2053. 'Majak 12/20–4'. Volvograd region.

345561. K–2029. 'Puškinskij 1853'. Leningrad region.

345562. K–7224. 'Rannij 83'. Moldavia.

345563. K–2926. 'Satilovskij 35'. Orel region.

345564. K–2312. 'Silirskij skorospelyj'. Western Siberia.

345565. K–1970. 'Skorospelka 1165'. Moscow region.

345541 to 345572—Continued

345554 to 345568—Continued

345566. K–2453. 'Talalihin 186'. Byelorussia.

345567. K–3226. 'Tambovskij urozajnyj 340'. Tambov region.

345568. K–2214. 'Voshod 119'. Crimea.

345569 to 345572. ZEA MAYS L. Gramineae. **Corn.**

345569. K–13417. 'Zaria 123'. Krasnodar territory.

345570. K–10245. 'Kubanskaja konservnaja 148'. Krasnodar territory.

345571. K–15467. 'Tiraspol'skaja skorospelaja'. Moldavia.

345572. K–15467. 'Ranniaja yolotaja 401'. Krasnodar territory.

345573 to 345582. PHASEOLUS VULGARIS L. Leguminosae. Bean.

From Costa Rica. Seed presented by Rodrigo Gamez, Universidad de Costa Rica, Ciudad Universitaria "Rodrigo Facio", Turrialba. Received September 16, 1969.

345573. 27–R.

345574. 'Jamapa'.

345575. Mex–27–N.

345576. N.E.P. White–1.

345577. Porrillo–1.

345578. 'Rico'.

345579. S–182–N.

345580. San Andres No. 1.

345581. Turrialba–1.

345582. Veranic 2.

345583 to 345710.

From Union of Soviet Socialist Republics. Seed presented by All-Union Institute of Plant Industry, Leningrad. Received September 18, 1969.

345583 and 345584. AGROPYRON DESERTORUM (Fisch. ex Link) Schult. Gramineae.

345583. K–27790. 'Dneprovskii.' Dnepropetrovsk region.

345584. K–26073. 'Krasnokutskii 305'. Saratov region.

345585. AGROPYRON FIBROSUM Nevski.

K–29277. 'Omskaya'. Cheliabinsk region.

345586. AGROPYRON INTERMEDIUM (Host) Beauv. **Intermediate wheatgrass.**

K–33706. 'Rostovskii 31'. Rostov region.

345587. AGROPYRON PECTINIFORME Roem. et Schult.

K–29811. 'Brodskii'. Cheliabinsk region.

345588. AGROPYRON TRACHYCALUM (Link) Malte **Slender wheatgrass.**

K–31554. 'Karabalyskii 86'. Kustana region.

345589 and 345590. AVENA SATIVA L. Gramineae. **Common oat.**

345589. K–11370. 'Minskii 17'. Belorussia.

345590. K–11340. 'Stendskii zeltyi'. Latvia.

345591 to 345593. AVENA SATIVA var. MUTICA Schlecht.

345591. K–11222. 'Artemovskii 107'. The Ukraine.

345592. K–11121. 'Serebristyi bolotuyi'. Belorussia.

345593. K–11119. 'Skajstunes'. Lithuania.

345594 to 345598. BROMUS INERMIS Leyss. Gramineae. **Smooth bromegrass.**

345594. K–29194. 'Bezencukskii 9'. Kuibyshev region.

345595. K–28270. 'Cisminskii'. Bashkiria.

345583 to 345710—Continued

345594 to 345598—Continued

345596. K–27538. 'Kubanskii VIR–5'. Krasnodar territory.

345597. K–25706. 'Morsanskii 760'. Tambov region.

345598. K–34671. 'Pavlovskii 22/5'. Voronezh region.

345599 and 345600. ELYMUS SIBIRICUS L. Gramineae.

345599. K–27868. 'Guran'. Chita region.

345600. K–27304. 'Kamalinskii 7'. Krasnoyarsk region.

345601 to 345605. DACTYLIS GLOMERATA L. Gramineae. **Orchardgrass.**

345601. K–35113. 'Dedinovskaya'. Moscow region.

345602. K–34865. 'Kabardinskaya pozdnaya'. Northern Caucasus.

345603. K–33699. 'Krasnodarskaya 20'. Krasnodar territory.

345604. K–31311. 'Markinskaya 18'. Kirgiz.

345605. K–29781. 'Iygeva 242'. Estonia.

345606. DOLICHOS BIFLORUS L. Leguminosae.

K–195. India.

345607 to 345609. DOLICHOS LABLAB L. **Hyacinth bean.**

345607. K–115. China.

345608. K–199. Australia.

345609. K–201. Australia.

345610 to 345613. HELIANTHUS ANNUUS L. Compositae. **Sunflower.**

345610. K–549. 'Giant 549'. Uzbekistan.

345611. K–2051. 'Peredovik'. Krasnodar territory.

345612. K–1872. 'VNIIMK 6540'. Krasnodar territory.

345613. K–1961. 'VNIIMK 8883'. Krasnodar territory.

345614 to 345619. HORDEUM DISTICHON L. Gramineae. **Two-rowed barley.**

345614. K–18331. 'Doneckii 650'. The Ukraine.

345615. K–18117. 'Kombainer'. Latvia.

345616. K–19829. 'Krasnoyarskii 1'. Krasnoyarsk territory.

345617. K–19417. 'Moskovskii 121'. Moscow region.

345618. K–17843. 'Omskii 13709'. Omsk region.

345619. K–16953. 'Submedicum 199'. Saratov region.

345620 to 345623. HORDEUM VULGARE L. **Common barley.**

345620. K–15240. 'Dagestanskii 239'. Dagestan.

345621. K–19636. 'Donskoi'. Rostov region.

345622. K–13061. 'Mestnyi'. Odessa region.

345623. K–19690. 'Odesskii rannii'. Odessa region.

345624 to 345640. LENS ESCULENTA Moench Leguminosae. **Lentil.**

345624. K–2124. Leningrad.

345625. K–2149. 'Krasnogradskaya 460'. The Ukraine.

345626. K–1695. 'Luna 09'. Kiev region, the Ukraine.

345627. K–1701. 'Nariadnaya 03'. Kiev region, the Ukraine.

345628. K–2123. 'Novaya luna'. Dnepropetrovsk region.

345629. K–1778. 'Novourenskaya 3565'. Ul'yanovsk region.

345583 to 345710—Continued

345624 to 345640—Continued

345630. K–1779. 'Novourenskaya 3567'. Ul'yanovsk region.
345631. K–1871. 'Penzenskaya 14'. Penza region.
345632. K–2150. 'Petrovskaya 50'. Penza region.
345633. K–2047. 'Petrovskaya jubileinaya'. Penza region.
345634. K–1872. 'Petrovskaya zelenozernaya'. Penza region.
345635. K–1850. 'Risovaya'. Armenia.
345636. K–244. 'Stepnaya 244'. Kiev region.
345637. K–1834. 'Tadzhikskaya 95'. Tadzhikistan.
345638. K–1864. 'Talinskaya 6'. Armenia.
345639. K–1900. 'Vika odnocretkovaya 7'. Dnepropetrovsk region.
345640. K–2126. 'Zelenaya ahunskaya'. Penza region.

345641 to 345661. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

345641. K–25487. 'Iygeva 118'. Estonia.
345642. K–29241. 'Aparanskaya mestnaya'. Armenia.
345643. K–31072. 'Augunya 11'. Lithuania.
345644. K–29565. 'Azerbaidzhanskaya 5'. Azerbaidzhan.
345645. K–27731. 'Azerbaidzhanskaya No. 10'. Azerbaidzhan.
345646. K–26588. 'Barnaulskaya 17'. Altai territory.
345647. K–20896. 'Ferganskaya mestnaya'. Uzbekistan.
345648. K–23425. 'Kamalinskaya 530'. Krasnoyarsk territory.
345649. K–23599. 'Manyoskaya'. Rostov region.
345650. K–9765. 'Marunsinskaya 81'. Tambov region.
345651. K–26537. 'Novokubanskaya'. Krasnodar territory.
345652. K–29660. 'Omskaya pestrogibridnaya'. Omsk region.
345653. K–20002. 'Poltavskaya 256'. The Ukraine.
345654. K–9740. 'Satilovskaya 171'. Orel region.
345655. K–27062. 'Severnaya gibridnaya'. Moscow region.
345656. K–22310. 'Slavinanskaya mestnaya'. Krasnodar territory.
345657. K–19983. 'Tashkentskaya 721'. Uzbekistan.
345658. K–21694. 'Teivinskaya'. Uzbekistan.
345659. K–35389. 'Vashskaya 233'. Tadzhikistan.
345660. K–19696. 'Veselo-Podolianskaya 11'. The Ukraine.
345661. K–23858. 'Zajkevica odesskaya'. The Ukraine.

345662. PHALARIS ARUNDINACEA L. Gramineae. **Reed canarygrass.**

K–34672. 'Donskoi 18'. Voronezh region.

345663 to 345668. PHLEUM PRATENSE L. Gramineae. **Common timothy.**

345663. K–27706. 'Gintaras 11'. Lithuania.
345664. K–29778. 'Iygeva 54'. Estonia.
345665. K–20257. 'Leningradskaya 204'. Leningrad region.
345666. K–33763. 'Morsanskaya 1395'. Tambov region.
345667. K–22854. 'Moskovskaya 1480'. Moscow region.

345583 to 345710—Continued

345663 to 345668—Continued

345668. K–34666. 'Pozdnespelaya VIK'. Moscow region.

345669 and 345670. SESAMUM INDICUM L. Pedaliaceae. **Sesame.**

345669. K–741. 'Tashkentskii 122'. Uzbekistan.

345670. K–899. 'Kubanets 55'. Krasnodar territory.

345671 to 345680. TRIFOLIUM PRATENSE L. Leguminosae. **Red clover.**

345671. K–27616. 'Gdovskii mestnaya'. Pskov region.

345672. K–34620. 'Gibridnyi pozdnospelyi'. Moscow region.

345673. K–34622. 'Gloria mestnaya uluchennaya'. The Ukraine.

345674. K–25093. 'Kamalinskii 304'. Krasnoyarsk territory.

345675. K–32158. 'Kirovskii 159'. Kirov region.

345676. K–29774. 'Liepsna'. Lithuania.

345677. K–27107. 'Moskovskii 1'. Moscow region.

345678. K–34430. 'Nosovskii 5'. The Ukraine.

345679. K–27669. 'Primorskii 28'. Primorsk province.

345680. K–32763. 'Uladovskii 34'.

345681 to 345702. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

345681. K–48531. 'Albidum 43'. Saratov region.

345682. K–44269. 'Barhatnaya'. Tambov region.

345683. K–41153. 'Belotserkovskaya 198'. The Ukraine.

345684. K–40583. 'Bezeucukskaya 98'. Kuibyshev region.

345685. K–42790. 'Bezostaya 1'. Krasnodar territory.

345686. K–21967. 'Eritrospermum 841'. Saratov region.

345687. K–43924. 'Kaluzskaya 9'. Kaluga region.

345688. K–43301. 'Krasnozernaya'. Moscow region.

345689. K–43737. 'Kunzevskaya 45'. Moscow region.

345690. K–45175. 'Lutescens 12'. Kazakhstan.

345691. K–40645. 'Lutescens 230'. Saratov region.

345692. K–38535. 'Lutescens 758'. Saratov region.

345693. K–41582. 'Minskaya'. Belorussia.

345694. K–43920. 'Mironovskaya 808'. The Ukraine.

345695. K–40231. 'Psenichno-pyreinyi gibrid 186'. (Wheat × wheat-grass hybrid). Moscow region.

345696. K–40599. 'Saratovskaya 29'. Saratov region.

345697. K–43286. 'Saratovskaya 36'. Saratov region.

345698. K–40329. 'Saratovskaya 210'. Saratov region.

345699. K–38282. 'Stepnaya 135'. Voronezh region.

345700. K–45651. 'Veselopodolianskaya 485'. The Ukraine.

345701. K–44283. 'Vostok'. Moscow region.

345702. K–43283. 'Zavolskaya'. Kuibyshev region.

345703. TRITICUM DURUM Desf. **Durum wheat.**

K–43903. 'Novomichurinka'. Odessa region.

345583 to 345710—Continued

345704. TRITICUM DURUM var. APULICUM (Koern.) Stolet.

K–29525. 'Arandany'. Azerbaijan.

345705 to 345707. TRITICUM DURUM Desf. Gramineae. **Durum wheat.**

345705. K–11372. 'Gordeiforme 432'. Saratov region.

345706. K–41604. 'Harkovskaya 46'. The Ukraine.

345707. K–40585. 'Sevindz'. Azerbaijan.

345708 and 345709. TRITICUM DURUM var. LEUCURUM (Alef.) Stolet.

345708. K–38403. 'Leucurum 33'. Kuibyshev region.

345709. K–38270. 'Sark'. Azerbaijan.

345710. TRITICUM DURUM Desf. Gramineae. **Durum wheat.**

K–41652. 'Melanopus 26'. Saratov region.

345711. BRIZA SPICATA Sibth. & Sm. Gramineae.

From France. Seed presented by Jardin Botanique de l'Universite de Strasbourg. Received October 3, 1969.

404.

345712. LESQUERELLA AURICULATA (Engelm. & Gray) Wats. Cruciferae.

From Oklahoma. Seed collected by A. S. Barclay, Plant Science Research Division, Plant Industry Station, Beltsville, Md. Received May 26, 1969.

3058. Garfield County, 4.35 km. north of junction U.S. 64 and State 74. Abundant on new road cut banks, sandy soil. Annual, decumbent to ascending; flowers yellow. Scarce in undisturbed soil.

345713. MALUS SYLVESTRIS Mill. Rosaceae. **Apple.**

From Yugoslavia. Scions presented by the Department of Pomology and Fruit Breeding, Cacak, Srbija. Received October 16, 1969.

'Cacak J/10/43/59'.

345714. STYLOSANTHES HUMILIS HBK. Leguminosae.

From Australia. Seed presented by Commonwealth Scientific and Industrial Research Organization, Division of Plant Industry, Plant Introduction Section, Canberra, A.C.T. Received October 6, 1969.

Q 314. Townsville lucerne.

345715 to 345719.

From Union of Soviet Socialist Republics. Seed presented by D.D. Brezhnev, All-Union Institute of Plant Industry, Leningrad. Received September 30, 1969.

345715. ULMUS CARPINIFOLIA Gled. Ulmaceae. **Smoothleaf elm.**

Leafy elm.

345716. ULMUS LACINIATA (Trautv.) Mayr.

Manchurian elm.

345717. ULMUS PUMILA L. **Chinese elm.**

Dwarf elm.

345718. ULMUS sp.

Common elm.

345719. ULMUS sp.

Feather-branched elm (Turkistanian Karagach).

345720. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Hungary. Seed presented by National Institute of Agrobotany, Tapioszele. Received October 8, 1969.

'Kiszombori No. 1'. Developed by Research Institute at Szegedi in 1968.

345721 to 345728.

From Union of Soviet Socialist Republics. Seed presented by Hortus Botanicus Principalis Academiae Scientiarum, Mosqua, Botanitscheskaja. Received October 10, 1969.

345721. BUPLEURUM AUREUM Fisch. Umbelliferae.
899.

345722. CEPHALARIA GIGANTEA (Ledeb.) Bobr. Dipsaceae.
417.

345723. CEPHALARIA GIGANTEA (Ledeb.) Bobr.
1389.

345724. CRAMBE ARMENA N. Busch Cruciferae.
402.

345725. CREPIS BUNGEI Ledeb. ex DC. Compositae.
2104.

345726. CREPIS CONYZIFOLIA (Gouan) Dalla Torre Compositae.
2260.

345727. XERANTHEMUM ANNUUM L. Compositae.
378.

345728. XERANTHEMUM SQUARROSUM Boiss. Compositae.
379.

345729. DOLICHOS BIFLORUS L. Leguminosae.

From India. Seed presented by the Indian Agricultural Research Institute, New Delhi. Received October 8, 1969.

345730. EUROTIA CERATOIDES (L.) Meyer Chenopodiaceae. **Winterfat.**

From Spain. Seed presented by Instituto Nacional de Investigaciones Agronomicas, Madrid. P.L. 480 Project E25–CR–11. Received October 23, 1969.

345731. TRITICUM AESTIVUM L. Gramineae **Common wheat.**

From Mexico. Seed presented by Maximino Alcala, International Maize and Wheat Improvement Center (CIMMYT), Mexico 6, D.F. Received October 24, 1969.

'Tezanos Pintos Precoz'.

345732. ZEA MAYS L. Gramineae. **Corn.**

From Union of Soviet Socialist Republics. Seed presented by All-Union Institute of Plant Industry, Leningrad. Received October 15, 1969.

K–14048. 'Szyldecka'. Poland.

345733 to 345742.

From Australia. Seed presented by Commonwealth Scientific and Industrial Research Organization, Canberra. Received October 10, 1969.

345733 and 345734. AVENA SATIVA L. Gramineae. **Common oats.**

345733. Algerian.

345734. Early Wonder.

345733 to 345742—Continued

345735 to 345738. HORDEUM VULGARE L. Gramineae. **Common barley.**

345735. Bankuti.

345736. Fimbul.

345737. Findlay.

345738. Raw.

345739 and345740. SECALE CEREALE L. Gramineae. **Rye.**

345739. Saskatoon.

345740. South Australian.

345741 and 345742 TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

345741. Sammet.

345742. Winter Festival.

345743. TRIGONELLA COERULEA (Desr.) Ser. in DC. Leguminosae.

From Iowa. Seed held at Regional Plant Introduction Station, Ames; from William Lounsbury, Colo, Iowa. Received March 5, 1965.

A–705. Annual to 60 cm. high, flowers blue.

345744. KOELERIA CAUDATA var. ALGERIENSIS Domin Gramineae.

From Spain. Seed presented by Institute Forestal de Investigaciones y Experiencias, Madrid, via the United States Embassy, Rome, Italy. P.L. 480 Project E–25–FS–1. Received February 4, 1969.

Contaminant in P.I. 311379–*Dactylis glomerata.*

345745. ABRUS PRECATORIUS L. Leguminosae.

From India. Seed presented by Experimental Botanical Garden, Botanical Survey of India, Western Circle, Poona. Received October 23, 1969.

White-seeded variety.

345746. BROMUS RIPARIUS Rehm. Gramineae.

From Spain. Seed collected from Horto Botanico and presented by H. L. Jordan, Madrid. Received June 29, 1966.

Contaminant in P.I. 315678 *B. erectus.*

345747 to 345754.

From Japan. Seed collected December 1968 by Takasi Tuyama, Department of Biology, Ochanomizu University, Tokyo. Collected on Chichi Jima, Bonin Islands except as noted. Received October 15, 1969.

345747. CALLICARPA GLABRA Koidz. Verbenaceae.

345748. CLEMATIS BONINENSIS Kayata Ranunculaceae.

345749. ELAEOCARPUS PHOTINIIFOLIUS Hook. et Arn. Elaeocarpaceae.

345750. HIBISCUS GLABER Matsum. ex Nakai Malvaceae.

345751. MISCANTHUS BONINENSIS Nakai ex Honda Gramineae.

345752. NEOLITSEA GILVA Koidz. Lauraceae.

Muko Jima.

345753. PHOTINA WRIGHTIANA Max. Rosaceae.

345754. PITTOSPORUM BONINENSE Koidz. Pittosporaceae.

345755 to 345929. ORYZA SATIVA L. Gramineae. **Rice.**

From The Philippines. Seed presented by the International Rice Research Institute, Manila. Received August 13, 1969.

345755. 8720. IR452–21–3–3, FF 36 × Ch. 242.

345756. 8759. IR781–B4–331–3, IR8/2 × (Yukara × TN1).

345755 to 345929—Continued

345757. 8823. IR474–30–2, Sukanandi × TN1.

345758. 8892. IR659–10–7–2–3, Bluebelle × TN1.

345759. 8894. IR659–15–5–1, Bluebelle × TN1.

345760. 8943. IR594–60–1–2, IR8 × (CP–SLO × BPI–76).

345761. 8982. IR503–1–104–2, (Peta/3 × TN1) × (B589A4–18–1/2 × TN1).

345762. 9014. IR773A1–36–2–1, IR8 × (CP–SLO × Nahng Mon S–4).

345763. 9096. IR665–24–1, IR8 × (Peta/5 × Belle Patna).

345764. 9146. IR–661–1–127–3–3, IR8 × IR127–2–2.

345765. SI–94. IR665–24–1, IR8 × (Peta/5 × Belle Patna).

345766. SI–109. IR844–6–2, IR262–× Puang Nahk 16.

345767. SI–110. IR844–25–2, IR262 × Puang Nahk 16.

345768. SI–113. IR844–86–1, IR262 × Puang Nahk 16.

345769. SI–153. IR81–105–2–3, MCVA × PI 215936.

345770. SI–132. IR579–86–2–2, IR8 × Tadukan.

345771. SI–144. IR579–160–2, IR8 × Tadukan.

345772. SI–141. IR579–73–3–1, IR8× Tadukan.

345773. SI–101. IR665–58–3, IR8 × (Peta/5 × Belle Patna).

345774. SI–176. IR1154–243–1, IR8/2 × Zenith.

345775. 1340. IR790–33–1, (IR400–5–12–10–2 × IR8) × [IR4–253–3 × (B589A4–18–1/2 × TN1)].

345776. 1341. IR790–35, (IR400–5–12–10–2 × IR8) × [IR4–253–3 × (B589A4–18–1/2 × TN1)].

345777. 1347. IR506–1–36, IR8 × (B589A4–18–1/2 × TN1).

345778. 1348. IR506–1–89, IR8 × (B589A4–18–1/2 × TN1).

345779. 1350. IR506–1–47–2, IR8 × (B589A4–18–1/2 × TN1).

345780. 1353. IR502–8–3–1, (L. Yai 34 × TN1) × B583A1–4–2.

345781. 1355. IR305, Sigadis/2 × TN1.

345782. 1356. IR498–9–1–2–2, (CP–SLO/2 × TN1) × Zenith.

345783. 1360. IR546–60–2–1, TN1 × Binato.

345784. 1361. IR659–10–10–3, Bluebelle/6 × TN1.

345785. 1362. IR579–14–1, IR8 × Tadukan.

345786. 1363. IR580–30–2, IR8 × TKM–6.

345787. 1364. IR665–1–17–2–1, IR8 × (Peta/5 × Belle Patna).

345788. 1369. IR781–144–1, IR8/2 × (Yukara × TN1).

345789. 1370. IR667–142–2, IR8 × (Yukara × TN1).

345790. 1374. IR532–1–218–1, (Peta/3 × TN1) × TKM–6.

345791. 1376. IR532–1–231, (Peta/3 × TN1) × TKM–6.

345792. 1377. IR532E239, (Peta/3 × TN1) × TKM–6.

345793. 1378. IR532E527, (Peta/3 × TN1) × TKM–6.

345794. 1403. IR589–66–2, IR8 × (H–105 × Dgwg).

345795. 1408. IR127–80–1–10, (CP 231 × SLO–17) × Sigadis.

345796. 1436. IR520–1–26–3, Basmati 370/2 × TN1.

345797. 1438. IR474–96–2, Sukanandi × TN1.

345755 to 345929—Continued

345798. 1439. IR181–2–2–1–3–1–2, L. Yai 34 × 81B–25.
345799. 1440. IR585–3–13–1–3, IR8 × (BPI–76 × T. 176).
345800. 1448. IR140–136, (CP 231 × SLO–17) × Mas.
345801. 1313. IR661–1–140–3, IR8 × IR127–2–2.
345802. 8709. IR265–79–6–1–1–3, Ch. 242 × [PI 215936 × (Mo. R–500 × Nato)].
345803. 8720. IR452–21–3–3, FF 36 × Ch. 242.
345804. 8721. IR800–19, F3 (FF 36 × Ch. 242) × Ch. 242.
345805. 8726. IR583–14–3–3–1, IR8 × FF 36.
345806. 8728. IR583–39–2–1–2, IR8 × FF 36.
345807. 8737. IR667–89–2, IR8 × (Yukara × TN1).
345808. 8738. IR667–110–2–3, IR8 × (Yukara × TN1).
345809. 8745. IR781–41–3–3, IR8/2 × (Yukara × TN1).
345810. 8747. IR781–133–2–3, IR8/2 × (Yukara × TN1).
345811. 8753. IR781–432–2, IR8/2 × (Yukara × TN1).
345812. 8755. IR781–547, IR8/2 × (Yukara × TN1).
345813. 8758. IR781–B4–326–3–2, IR8/2 × (Yukara × TN1).
345814. 8759. IR781–B4–331–3, IR8/2 × (Yukara × TN1).
345815. 8760. IR781–B4–332–1–3, IR8/2 × (Yukara × TN1).
345816. 8765. IR781–B4–400–5–4, IR8/2 × (Yukara × TN1).
345817. 8770. IR140–136–2–3–1–2, (CP 231 × SLO–17) × Mas.
345818. 8776. IR238–292–2–1–2–2, (CP 231 × SLO–17) × Nahng Mon S–4.
345819. 8805. IR435–7–3–1, (CP 231 × SLO–17) × Pingaew 56.
345820. 8807. IR478–26–2–2, (CP 231 × SLO–17) × Sukanandi.
345821. 8867. IR498–1–78, (CP–SLO × TN1) × Zenith.
345822. 8922. IR586–13–2–1, IR8 × (BPI–76/2 × T. 172).
345823. 9014. IR773A1–36–2–1, IR8 × (CP–SLO × Nahng Mon S–4).
345824. 9034. IR1154–243–1, IR8/2 × Zenith.
345825. 9096. IR665–24–1, IR8 × (Peta/5 × Belle Patna).
345826. 9170. IR579–86–2–2, IR8 × Tadukan.
345827. 9176. IR579–160–2, IR8 × Tadukan.
345828. 9331. IR580–15–1–2, IR8 × TKM–6.
345829. 9340. IR580–25–3–1, IR8 × TKM–6.
345830. 67291. IR1063–22–1, IR262–43–8–11/2 × sel. from CI 9210.
345831. 67329. IR502–2–2–2–1–1, (L. Yai 34 × TN1) × B583A1–4–2.
345832. 67330. IR502–2–2–2–1–2, (L. Yai 34 × TN1) × B583A1–4–2.
345833. 67331. IR502–2–2–2–1–3, (L. Yai 34 × TN1) × B583A1–4–2.
345834. 67395. IR532–1–128–3–3–1, (Peta/3 × TN1) × TKM–6.
345835. 67396. IR532–1–128–3–3–2, (Peta/3 × TN1) × TKM–6.
345836. 67397. IR532–1–128–3–3–3, (Peta/3 × TN1) × TKM–6.
345837. 67432. IR532–1–223–1–2–3, (Peta/3 × TN1) × TKM–6.
345838. 67433. IR532–1–223–1–3–1, (Peta/3 × TN1) × TKM–6.

345755 to 345929—Continued

345839. 67434. IR532–1–223–1–3–2, (Peta/3 × TN1) × TKM–6.
345840. 67437. IR506–20–1–3–1–2, IR8 × (B589A4–18–1/2 × TN1).
345841. 67438. IR506–20–1–3–1–3, IR8 × (B589A4–18–1/2 × TN1).
345842. 67439. IR506–20–1–3–2–1, IR8 × (B589A4–18–1/2 × TN1).
345843. 67657. IR943–12–3, (TN1 × Malagkit Songsong) × Peta.
345844. 67661. IR943–15–3, (TN1 × Malagkit Songsong) × Peta.
345845. 67666. IR943–20–2, (TN1 × Malagkit Songsong) × Peta.
345846. 67739. IR952–59–3, IR12–178–2–3, × (TN1 × Malagkit Songsong).
345847. 67814. IR626–1–128–1–3–2, IR8 × (Peta/5 × Belle Patna).
345848. 67815. IR626–1–128–1–3–3, IR8 × (Peta/5 × Belle Patna).
345849. 67847. IR665–1–8–2–1–3, IR8 × (Peta/5 × Belle Patna).
345850. 68252. IR630–1–47–1–3–1, IR8 × IR5–47–2.
345851. 68253. IR630–1–47–1–3–2, IR8 × IR5–47–2.
345852. 68254. IR630–1–47–1–3–3, IR8 × IR5–47–2.
345853. 68255. IR630–1–47–2–1–1, IR8 × IR5–47–2.
345854. 68256. IR630–1–47–2–1–2, IR8 × IR5–47–2.
345855. 68257. IR630–1–47–2–1–3, IR8 × IR5–47–2.
345856. 68297. IR630–12–1–2, IR8 × IR5–47–2.
345857. 68309. IR630–27–1–1, IR8 × IR5–47–2.
345858. 68365. IR968–38–6, IR5–47–2 × IR12–178–2–3.
345859. 68394. IR968–54–4, IR5–47–2 × IR12–178–2–3.
345860. 69533. IR643–75–6–5, IR8 × (Dawn × 81B–25).
345861. 69536. IR643–76–2–2, IR8 × (Dawn × 81B–25).
345862. 69544. IR643–78–5–3, IR8 × (Dawn × 81B–25).
345863. 69555. IR643–1–1–3–2–2, IR8 × (Dawn × 81B–25).
345864. 69556. IR643–1–1–3–2–3, IR8 × (Dawn × 81B–25).
345865. 69557. IR643–1–1–3–3–1, IR8 × (Dawn × 81B–25).
345866. 69605. IR643–1–36–3–1–1, IR8 × (Dawn × 81B–25).
345867. 69606. IR643–1–36–3–1–2, IR8 × (Dawn × 81B–25).
345868. 69607. IR643–1–36–3–1–3, IR8 × (Dawn × 81B–25).
345869. 69633. IR643–1–113–6–4–4, IR8 × (Dawn × 81B–25).
345870. 72281. IR834–25–6, IR262–43–8–11 × Khao Khian 12–23–37.
345871. 72476. IR836–30–2, IR262–43–8–11 × Leuang 152.
345872. 83124. IR846–16–2, IR262–43–8–11 × Khao Pah 8–5–41.
345873. 73136. IR846–25–2, IR262–43–8–11 × Khao Pah 8–5–41.
345874. 73143. IR846–27–2, IR262–43–8–11 × Khao Pah 8–5–41.
345875. 73144. IR846–27–3, IR262–43–8–11 × Khao Pah 8–5–41.
345876. 73153. IR846–44–1, IR262–43–8–11 × Khao Pah 8–5–41.
345877. 73167. IR846–63–2, IR262–43–8–11 × Khao Pah 8–5–41.
345878. 73170. IR846–65–2, IR262–43–8–11 × Khao Pah 8–5–41.
345879. 73226. IR789–113–1, IR8 × Muey Nahng 62M.
345880. 73228. IR789–113–3, IR8 × Muey Nahng 62M.

345755 to 345929—Continued

345881. 73232. IR789–122–1, IR8 × Muey Nahng 62M.
345882. 73235. IR789–125–1, IR8 × Muey Nahng 62M.
345883. 73236. IR789–125–2, IR8 × Muey Nahng 62M.
345884. 245. IR781–144–1, IR8/2 × (Yukara × TN1).
345885. 508. IR773A1–36–2–2, IR8 × (CP–SLO × Nahng Mon S–4).
345886. 548. IR528–1–11, (Peta/3 × TN1) × ADT–27.
345887. 550. IR81–105–2–3, MCVA × PI 215936.
345888. 704. IR593–1–27–1–2, IR8 × (CP–SLO × Nahng Mon S–4).
345889. 482. IR844–80–1, IR262–43–8–11 × Puang Nahk 16.
345890. 490. IR844–8–1, IR262–43–8–11 × Puang Nahk 16.
345891. 68407. IR968–58–4, IR5–47–2 × IR12–178–2–3.
345892. 68441. IR968–69–6, IR5–47–2 × IR12–178–2–3.
345893. 68454. IR968–82–1, IR5–47–2 × IR12–178–2–3.
345894. 68550. IR1176–23, IR5–47–2/2 × IR12–178–2–3.
345895. 68568. IR1176–40, IR5–47–2/2 × IR12–178–2–3.
345896. 68575. IR1176–47, IR5–47–2/2 × IR12–178–2–3.
345897. 68659. IR1176–127, IR5–47–2/2 × IR12–178–2–3.
345898. 68911. IR758–70–2, IR8/2 × Dawn.
345899. 68912. IR758–70–3, IR8/2 × Dawn.
345900. 69063. IR759–54–2, IR8 × (Peta/3 × Dawn).
345901. 69113. IR759–74–5, IR8 × (Peta/3 × Dawn).
345902. 69118. IR759–75–4, IR8 × (Peta /3 × Dawn).
345903. 69147. IR759–86–1, LR8 × (Peta/3 × Dawn).
345904. 69153. IR759–87–1, IR8 × (Peta/3 × Dawn).
345905. 69154. IR759–87–2, IR8 × (Peta/3 × Dawn).
345906. 69337. IR759–150–5, IR8 × (Peta/3 × Dawn).
345907. 69338. IR759–140–6, IR8 × (Peta/3 × Dawn).
345908. 69392. IR759–156–3, IR8 × (Peta/3 × Dawn).
345909. 69453. IR879–30–3, IR8/2 × (Peta/3 × Dawn).
345910. 69457. IR879–45–1, IR8/2 × (Peta/3 × Dawn).
345911. 69490. IR879–95–3, IR8/2 × (Peta/3 × Dawn).
345912. 69495. IR879–98–2, IR8/2 × (Peta/3 × Dawn).
345913. 69496. IR879–98–3, IR8/2 × (Peta/3 × Dawn).
345914. 69498. IR879–98–5, IR8/2 × (Peta/3 × Dawn).
345915. 69504. IR643–14–3–1, IR8 × (Dawn × 81B–25).
345916. 69505. IR643–14–3–2, IR8 × (Dawn × 81B–25).
345917. 69506. IR643–14–3–3, IR8 × (Dawn × 81B–25).
345918. 69517. IR643–48–3–5, IR8 × (Dawn × 81B–25).
345919. 69518. IR643–48–3–6, IR8 × (Dawn × 81B–25).
345920. 69523. IR643–75–1–1, IR8 × (Dawn × 81B–25).
345921. 69526. IR643–75–1–4, IR8 × (Dawn × 81B–25).
345922. 503. IR844–52–1, IR262–43–8–11 × Puang Nahk 16.
345923. 526. IR665–1–132–3, IR8 × (Peta/5 × Belle Patna).

345755 to 345929—Continued

345924. 506. IR305–4–9–1–2, Sigadis/2 × TN1.

345925. 256. IR532–1–151, (Peta/3 × TN1) × TKM–6.

345926. 811. IR503–1–103–3, (Peta/3 × TN1) × (B589A4–18–1/2 × TN1.

345927. 537. IR506–1–38–3, IR8 × (B589A4–18–1/2 × TN1).

345928. 850. IR532–1–218–1, (Peta/3 × TN1) × TKM–6.

345929. 878. IR442–2–50–2–2–3, Peta/2 × Leb Mue Nahng.

345930 to 340939. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Rhodesia. Seed presented by Salisbury Research Station, Causeway, Salisbury. Received October 27, 1969.

345930. S 1102 A1.

345931. S 1103.

345932. S 1111 A1A0.

345933. S 1113.

345934. S 1118 (red).

345935. S 1130 A1 (dwarf).

345936. S 1127 A1.

345937. S 1137 A1.

345938. S 1138 A4A2.

345939. S 1142.

345940. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Received November 3, 1969.

'Kalyan Sona'.

345941. FESTUCA RUBRA var. COMMUTATA Gaud. Gramineae. **Chewings fescue.**

From Holland. Seed presented by n.v. H. Mommersteeg's, Zaadteelt en Zaadhandel, Vlijmen. Received October 30, 1969.

'MSG Koket'. (Red).

345942 to 345945. ARACHIS HYPOGAEA L. Leguminosae. **Peanut.**

From Senegal. Seed presented by Centre des Recherches Agronomiques, Bambey. Received October 29, 1969.

345942. Senegal 6402.

345943. Senegal 28204.

345944. Senegal 61–13.

345945. Recombinant. From India.

345946. MISCANTHIDIUM TERETIFOLIUM (Stapf) Stapf Gramineae.

From Zambia. Seed presented by W. L. Astle, Department of Game and Fisheries, Chipata. Received November 3, 1969.

345947. SACCHARUM (hybrid) Gramineae. **Sugarcane.**

From Hawaii. Cuttings presented by the Hawaiian Sugar Planters' Association, Honolulu. Received November 10, 1969.

38–2915. From Makiki.

345948 to 346070.

From Norway. Seed presented by Botanical Garden, University of Oslo, Oslo. Code numbers refer to those in 1969 Index Seminum. Source data given if not of Garden origin. Received September 10, 1969.

345948. AGROSTIS ALBA L. Gramineae.

605. Norway.

345949. ALOPECURUS GENICULATUS L. Gramineae.

606. Norway.

345948 to 346070—Continued

345950. ALOPECURUS PRATENSIS L. **Meadow foxtail.**

607. Norway.

345951. ALYSSUM ALYSSOIDES L. Cruciferae.

1196.

345952. ALYSSUM MONTANUM L.

1197.

345953. ALYSSUM MONTANUM subsp. GMELINII (Jordan) Hegi & E. Schmid in Hegi

1198.

345954 and 345955. ARRHENATHERUM ELATIUS (L.) Presl Gramineae. **Tall oatgrass.**

345954. 611. Norway.

345955. 612. Norway.

345956. HELICTOTRICHON PRATENSE (L.) Pilger Gramineae.

613. Norway.

345957. ASTRAGALUS FRIGIDUS (L.) A. Gray Leguminosae. **Milkvetch.**

270. Norway.

345958 and 345959. ASTRAGALUS GLYCYPHYLLOS L. **Milkvetch.**

345958. 271. Norway.

345959. 1417.

345960 and 345961. ASTRAGALUS NORVEGICUS Weber Leguminosae.

345960. 272. Norway.

345961. 273. Norway.

345962. ATRIPLEX HORTENSIS L. Chenopodiaceae. **Garden orach.**

1042.

345963. ATRIPLEX NITENS Schkuhr

1043.

345964. BRACHYPODIUM PINNATUM (L.) Beauv. Gramineae. **Japanese falsebrome.**

1791.

345965. BRACHYPODIUM SYLVATICUM (Huds.) Beauv. **Falsebrome.**

1792.

345966. BROMUS INERMIS Leyss. Gramineae. **Smooth bromegrass.**

615. Norway.

345967. BROMUS WILLDENOWII Kunth **Rescuegrass.**

847. Madeira.

345968. CALAMAGROSTIS ARUNDINACEA (L.) Roth Gramineae. **Reedgrass.**

616. Norway.

345969. CALAMAGROSTIS CANESCENS (Weber) Roth

617. Norway.

345970. CALAMAGROSTIS EPIGEIOS (L.) Roth

618.

345971 and 345972. CALAMAGROSTIS LAPPONICA (Wahl.) Hartm.

345971. 619. Norway.

345972. 620. Norway.

345948 to 346070—Continued

345973 and 345974. CALAMAGROSTIS NEGLECTA (Ehrh.) Gaertn., Mey & Scherb.

345973. 621. Norway.

345974. 622. Norway.

345975. CALAMAGROSTIS PURPUREA (Trin.) Trin. Gramineae.

623. Norway.

345976. CENCHRUS CILIARIS L. Gramineae. **Buffelgrass.**

849. Madeira.

345977 to 345979. ELYMUS ARENARIUS L. Gramineae. **European dunegrass.**

345977. 628. Norway.

345978. 629. Norway.

345979. 1807.

345980. FESTUCA ALTISSIMA All. Gramineae. **Fescue.**

630. Norway.

345981. FESTUCA GIGANTEA (L.) Vill. **Great fescue.**

631. Norway.

345982. FESTUCA OVINA L. **Sheep fescue.**

632. Norway.

345983. FESTUCA PRATENSIS Huds. **Meadow fescue.**

633. Norway.

345984. FESTUCA RUBRA L. **Red fescue.**

634. Norway.

345985. HEDYSARUM HEDYSAROIDES (L.) Schinz & Thell. Leguminosae.

1426.

345986. HEDYSARUM VARIUM Willd.

1427.

345987. HEMEROCALLIS DUMORTIERI Morr. Liliaceae.

1882.

345988. HEMEROCALLIS MIDDENDORFFII Trautv. & Meyer Liliaceae.

1883.

345989. HYPERICUM ANDROSAEMUM L. Guttiferae.

1287.

345990. HYPERICUM GRANDIFOLIUM Choisy

1298.

345991. HYPERICUM HIRSUTUM L.

1290.

345992. HYPERICUM MACULATUM Walt.

1291.

345993. HYPERICUM MONTANUM L.

1292.

345994. HYPERICUM PERFORATUM L.

1293.

345995. HYPERICUM POLYPHYLLUM Boiss. & Bal.

1294.

345948 to 346070—Continued

345996. HYPERICUM RUMELIACUM Boiss. Guttiferae.
1295.

345997. HYPERICUM TETRAPTERUM Fr.
1296.

345998. HYPERICUM TOMENTOSUM L.
1297.

345999. LATHYRUS JAPONICUS Willd. Leguminosae.
1432.

346000. LATHYRUS MONTANUS Bernh. Peavine.
1433.

346001. LATHYRUS NIGER (L.) Bernh.
1434.

346002. LATHYRUS PRATENSIS L.
1437.

346003. LATHYRUS SYLVESTRIS L.
1438.

346004. LATHYRUS TINGITANUS L.
1439.

346005. LATHYRUS VERNUS (L.) Bernh.
1440.

346006. LONICERA XYLOSTEUM L. Caprifoliaceae. European fly honeysuckle.
44. Norway.

346007. LOTUS PEDUNCULATUS Cav. Leguminosae.
1441.

346008. MEDICAGO ORBICULARIS (L.) Bart. Leguminosae.
1452.

346009. MEDICAGO TURBINATA (L.) All. Medic.
1454.

346010. MELILOTUS INDICA (L.) All. Leguminosae.
801. Madeira.

346011. ONOBRYCHIS VICIIFOLIA Scop. Leguminosae. Sainfoin.
1458.

346012. ONONIS PUSILLA L. Leguminosae.
802. France.

346013. PENNISETUM DICHOTOMUM (Forsk.) Delile Gramineae.
855. Canary Islands.

346014 and 346015. PHALARIS ARUNDINACEA L. Gramineae. Reed canarygrass.
346014. 645. Norway.
346015. 1828.

346016. PHLEUM PRATENSE L. Gramineae.
650. Norway.

345948 to 346070—Continued

346017. POA ANGUSTIFOLIA L. Gramineae.

662. Norway.

346018. POA COMPRESSA L. **Canada bluegrass.**

656. Norway.

346019 and 346020. POA GLAUCA Vahl **Bluegrass.**

346019. 658. Norway.

346020. 659. Norway.

346021. POA PRATENSIS L. **Kentucky bluegrass.**

663. Norway.

346022 and 346023. POLYGONUM VIVIPARUM L. Gramineae.

346022. 311. Norway.

346023. 312. Norway.

346024. PTERIS sp. Gramineae.

909.

346025. ROSA CANINA L. Rosaceae.

392. Norway.

346026. SANGUISORBA CANADENSIS L. Rosaceae. **American burnet.**

1613.

346027. SANGUISORBA MINOR Scop. **Small burnet.**

1614.

346028. SANGUISORBA MINOR subsp. MAGNOLII (Spach) Briq.

824. Madeira.

346029. SANGUISORBA OFFICINALIS L.

1615.

346030. SANGUISORBA TENUIFOLIA Fisch. ex Link

1616.

346031. SESLERIA ARGENTEA Savi Gramineae.

1837.

346032. SESLERIA COERULEA Arduino

1838.

346033. SETARIA VERTICILLATA (L.) Beauv. Gramineae.

857. Madeira.

346034. TRIFOLIUM ANGUSTIFOLIUM L. Leguminosae. **Narrowleaf clover.**

806. France.

346035. TRIFOLIUM AGRARIUM L.

1465.

346036. TRIFOLIUM BADIUM Schreb.

1466.

346037. TRIFOLIUM CAMPESTRE Schreb. **Large hop clover.**

807. Maderia.

346038. TRIFOLIUM FRAGIFERUM L. **Strawberry clover.**

1467.

345948 to 346070—Continued

346039. TRIFOLIUM GLOMERATUM L.
808. Madeira.

346040. TRIFOLIUM INCARNATUM L. **Crimson clover.**
1469.

346041. TRIFOLIUM LUPINASTER L.
1470.

346042 and 346043. TRIFOLIUM MEDIUM Huds. **Zig-zag clover.**
346042. 289. Norway.
346043. 1471.

346044. TRIFOLIUM MONTANUM L.
1472.

346045. TRIFOLIUM PANNONICUM Jacq.
1473.

346046. TRIFOLIUM PRATENSE L. **Red clover.**
1474.

346047. TRIFOLIUM REPENS L. **White clover.**
1475.

346048. TRIFOLIUM RESUPINATUM L. **Persian clover.**
1476.

346049 and 346050. TRIFOLIUM STELLATUM L.
346049. 809. France.
346050. 810. Madeira.

346051 to 346053. VERONICA ALPINA L. Scrophulariaceae.
346051. 461. Norway.
346052. 462. Norway.
346053. 463. Norway.

346054. VERONICA BECCABUNGA L.
1678.

346055. VERONICA CHAMAEDRYS L.
464. Norway.

346056. VERONICA FRUTICANS Jacq.
465. Norway.

346057. VERONICA INCANA L.
1679.

346058 and 346059. VERONICA LONGIFOLIA L. **Beach speedwell.**
346058. 466. Norway.
346059. 1680.

346060 and 346061. VERONICA SERPYLLIFOLIA L.
346060. 468. Norway.
346061. 1681.

346062 and 346063. VERONICA SPICATA L. **Spike speedwell.**
346062. 469. Norway.
346063. 1682.

345948 to 346070—Continued

346064. VERONICA TEUCRIUM L.

1683.

346065 and 346066. VICIA CRACCA L. Leguminosae. **Cow vetch.**

346065. 291. Norway.

346066. 292. Norway.

346067. VICIA HIRSUTA (L.) S. F. Gray

811. Madeira.

346068 and 346069. VICIA SEPIUM L.

346068. 293. Norway.

346069. 294. Norway.

346070. VICIA SYLVATICA L.

295. Norway.

346071 to 346080. BEFARIA RACEMOSA Vent. Ericaceae.

From Florida. Seed collected by G. Meskimen, United States Forest Service, Southeastern Forest Experiment Station, Lehigh Acres. Received November 6, 1969.

346071. M 20982.
346072. M 20983.
346073. M 20984.
346074. M 20985.
346075. M 20986.
346076. M 20987.
346077. M 20988.
346078. M 20989.
346079. M 20990.
346080. M 20991.

346081. VIGNA UNGUICULATA (L.) Walp. Leguminosae. **Common cowpea.**

From United States. Seed presented by Arnold Krochmal, Agricultural Research Service, United States Department of Agriculture, Kingshill, St. Croix, Virgin Islands. Received March 29, 1965.

Contaminant in P.I. 305073—*Phaseolus aureus*. Originally from market, Bangkok, Thailand.

346082. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

From Afghanistan. Original seed collected 1957 by A. C. Hildreth, Agency for International Development, Lashkar, Gah. Increased one generation by natural pollination at Brawley, California, in 1969. Received October 21, 1969.

346083 to 346286.

From India. Seed presented by the Indian Agricultural Research Institute, New Delhi, under Public Law 480 Project A7–CR–126. Received September 19, 1969.

346083 to 346182. CAJANUS CAJAN (L.) Millsp. Leguminosae. **Pigeon-pea.**

346083. PLA–195.
346084. PLA–196.
346085. PLA–204.
346086. PLA–206.
346087. PLA–207.
346088. PLA–210.
346089. PLA–212.
346090. PLA–213.
346091. PLA–215.
346092. PLA–216.
346093. PLA–217.
346094. PLA–218.
346095. PLA–220.
346096. PLA–221.

346083 to 346286—Continued

346083 to 346182—Continued

346097. PLA–222.
346098. PLA–224.
346099. PLA–226.
346100. PLA–227.
346101. PLA–228.
346102. PLA–231.
346103. PLA–232.
346104. PLA–235.
346105. PLA–236.
346106. PLA–241.
346107. PLA–242.
346108. PLA–253.
346109. PLA–254.
346110. PLA–259.
346111. PLA–268.
346112. PLA–274.
346113. PLA–279.
346114. PLA–280.
346115. PLA–282.
346116. PLA–283.
346117. PLA–285.
346118. PLA–293.
346119. PLA–294.
346120. PLA–296.
346121. PLA–300.
346122. PLA–312.
346123. PLA–315.
346124. PLA–326.
346125. PLA–341.
346126. PLA–344.
346127. PLA–369.
346128. PLA–382.
346129. PLA–385.
346130. PLA–386.
346131. PLA–387.
346132. PLA–389.
346133. PLA–393.
346134. PLA–394.
346135. PLA–395.
346136. PLA–397.
346137. PLA–400.
346138. PLA–402.
346139. PLA–403.
346140. PLA–412.
346141. PLA–413.
346142. PLA–415.
346143. PLA–416.
346144. PLA–417.
346145. PLA–418.
346146. PLA–419.
346147. PLA–424.
346148. PLA–425.
346149. PLA–426.
346150. PLA–427.
346151. PLA–433.
346152. PLA–434.
346153. PLA–437.
346154. PLA–438.
346155. PLA–439.
346156. PLA–440.
346157. PLA–441.
346158. PLA–442.
346159. PLA–454.
346160. PLA–457.
346161. PLA–458.
346162. PLA–462.
346163. PLA–467.
346164. PLA–468.
346165. PLA–471.
346166. PLA–478.
346167. PLA–479.
346168. PLA–484.
346169. PLA–486.
346170. PLA–487.
346171. PLA–488.
346172. PLA–489.
346173. PLA–503.
346174. PLA–505.
346175. PLA–518.
346176. PLA–526.
346177. PLA–527.
346178. PLA–528.

346083 to 346286—Continued

346083 to 346182—Continued

346179. PLA–534.
346180. PLA–538.
346181. PLA–543.
346182. PLA–544.

346183 to 346286. DOLICHOS LABLAB L. Leguminosae. Hyacinth-bean.

346183. PLS–1.
346184. PLS–2.
346185. PLS–3.
346186. PLS–3–1.
346187. PLS–4.
346188. PLS–5.
346189. PLS–5–1.
346190. PLS–8.
346191. PLS–8–1.
346192. PLS–9.
346193. PLS–11.
346194. PLS–11–1.
346195. PLS–12.
346196. PLS–13.
346197. PLS–15.
346198. PLS–16.
346199. PLS–16–1.
346200. PLS–17.
346201. PLS–18.
346202. PLS–21.
346203. PLS–22.
346204. PLS–24.
346205. PLS–25.
346206. PLS–27.
346207. PLS–28.
346208. PLS–29.
346209. PLS–29–1.
346210. PLS–30.
346211. PLS–30–1.
346212. PLS–31.
346213. PLS–38.
346214. PLS–40.
346215. PLS–42.
346216. PLS–43.
346217. PLS–44.
346218. PLS–45.
346219. PLS–45–1.
346220. PLS–46.
346221. PLS–46–1.
346222. PLS–47.
346223. PLS–48.
346224. PLS–49.
346225. PLS–50.
346226. PLS–51.
346227. PLS–52.
346228. PLS–53.
346229. PLS–54.
346230. PLS–55.
346231. PLS–56.
346232. PLS–57.
346233. PLS–58.
346234. PLS–59.
346235. PLS–60.
346236. PLS–60–1.
346237. PLS–60–3.
346238. PLS–62.
346239. PLS–62–1.
346240. PLS–62–2.
346241. PLS–63.
346242. PLS–64.
346243. PLS–65.
346244. PLS–66.
346245. PLS–67.
346246. PLS–68.
346247. PLS–69.
346248. PLS–70.
346249. PLS–70–1.
346250. PLS–70–2.
346251. PLS–71.
346252. PLS–72.
346253. PLS–73.
346254. PLS–74.
346255. PLS–75.
346256. PLS–84.
346257. I.C. 648.
346258. I.C. 1183.

346083 to 346286—Continued

346183 to 346286—Continued

346259. I.C. 1185.
346260. I.C. 1926.
346261. I.C. 1952.
346262. I.C. 2348–A.
346263. I.C. 3244.
346264. I.C. 3353.
346265. I.C. 4272.
346266. I.C. 4816.
346267. I.C. 5665.
346268. I.C. 6120–1.
346269. I.C. 7467.
346270. I.C. 7523.
346271. I.C. 9671.
346272. I.C. 9672.
346273. I.C. 10079.
346274. I.C. 10184.
346275. I.C. 10189.
346276. I.C. 10190.
346277. I.C. 10191.
346278. I.C. 10192.
346279. I.C. 10197.
346280. I.C. 10202.
346281. I.C. 10483.
346282. I.C. 10800.
346283. I.C. 11205.
346284. I.C. 11206.
346285. I.C. 11243.
346286. I.C. 11658.

346287 to 346317.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Public Law 480 Project A7–CR–126. Received October 13, 1969.

346287. CENCHRUS CILIARIS L. Gramineae. **Buffelgrass.**
PLZ–466.

346288. CENCHRUS PENNISETIFORMIS Hochst. & Steud. ex Steud.
PLZ–308.

346289. CROTALARIA LANCEOLATA E. Mey. Leguminosae.
I.W. 58.

346290. CROTALARIA MUCRONATA Desv.
I.W. 321.

346291. CROTALARIA MYSORENSIS Roth
I.W. 1077.

346292. CROTALARIA ORIXENSIS Willd.
I.W. 152.

346293. CROTALARIA PUMILA Ort.
I.W. 151.

346294. CROTALARIA RETUSA L.
I.W. 56.

346295. CROTALARIA SERICEA Retz.
I.W. 15.

346296. CROTALARIA VERRUCOSA L.
I.W. 323.

346297. CROTALARIA sp.
PLSC–18.

346287 to 346317—Continued

346298 to 346312. GLYCINE MAX (L.) Merr. Leguminosae. **Soybean.**

346298. PLSO–10.
346299. PLSO–15.
346300. PLSO–16.
346301. PLSO–18.
346302. PLSO–26.
346303. PLSO–28.
346304. PLSO–41.
346305. PLSO–54.
346306. PLSO–56.
346307. PLSO–63.
346308. PLSO–70.
346309. PLSO–73.
346310. PLSO–75.
346311. PLSO–83.
346312. PLSO–88.

346313 to 346317. PHASEOLUS AUREUS Roxb. Leguminosae. **Mungbean.**

346313. PLM–44.
346314. PLM–122.
346315. PLM–169.
346316. PLM–176.
346317. PLM–386.

346318 to 346339.

From India. Seed presented by Division of Plant Introduction, Indian Agricultural Research Institute, New Delhi. Public Law 480 Project A7–CR–126. Received October 13, 1969.

346318 to 346335. PHASEOLUS VULGARIS L. Leguminosae. **Bean.**

346318. PLB–1–1.
346319. PLB–10–1.
346320. PLB–14–1.
346321. PLB–16–1.
346322. PLB–25–5.
346323. PLB–30.
346324. PLB–50–2.
346325. PLB–61.
346326. PLB–73–1.
346327. PLB–77–1.
346328. PLB–94.
346329. PLB–125.
346330. PLB–127.
346331. PLB–128.
346332. PLB–141.
346333. PLB–144.
346334. PLB–208.
346335. PLB–244.

346336 to 346339. VIGNA UNGUICULATA (L.) Walp. Leguminosae
Common cowpea.

346336. PLL–23.
346337. PLL–24.
346338. PLL–29.
346339. PLL–35.

346340. LYCOPERSICON PIMPINELLIFOLIUM (Jusl. in L.) Mill. Solanaceae. **Currant tomato.**

From The United States. Seed received from C. M. Lambeth, Agricultural Experiment Station, Columbia, Missouri. Increased at Regional Plant Introduction Station, Ames, Iowa, in 1964. Received November 5, 1969.

A–611; Mo. 160; USDA 2116. Selection from P.I. 79532, selfed 10 or more generations. Source of I gene for Fusarium resistance and carrier of X gene. Fruit 1 cm. diameter, red.

346341 to 346372.

From Japan. Seed collected by H. I. Oka, National Institute of Genetics, Misima, Sizuoka-ken. Received November 4, 1969.

346341 to 346352. ORYZA BARTHII A. Cheval. Gramineae.

346341. SL16. Mundu, Sierra Leone.

346341 to 346372—Continued

346341 to 346352—Continued

346342. ML25. Kogoni, Mali.

346343. ML26. Segou, Mali.

346344. ML36. Tombouctou, Mali.

346345. IC4. Ferkessedougou, Ivory Coast.

346346. IC5. Korhogo, Ivory Coast.

346347. NR6. Katsina, Nigeria.

346348. NR11. Badeggi, Nigeria.

346349. CA19. Yagoua, Cameroon.

346350. CA20. Yagoua, Cameroon.

346351. W1235. Annual. Merauke, New Guinea.

346352. W1297. Annual. Darwin, Australia.

346353 to 346372. ORYZA PERENNIS Moench

346353. W107. Annual. Bhuvaneswar, Orissa, India.

346354. W120. Perennial. Cuttack, Orissa, India.

346355. W126. Annual. Gunpur, Orissa, India.

346356. W137. Intermediate. Kadium, Andhra, India.

346357. W157. Perennial. Titabar, Assam, India.

346358. W167. Perennial. Srisanrong, Thailand.

346359. W172. Annual. Chumpae, Thailand.

346360. W593. Intermediate. Binjai, Rendah, Malaya.

346361. W610. Annual. Rangoon, Burma.

346362. W1161. Perennial. Illupaiyadichchenai, Ceylon.

346363. W1236. Perennial. Madang, New Guinea.

346364. W1167. Guadal Farm, Corrallio, Santa Clara, Cuba.

346365. W1169. Convento, Santa Clara, Cuba.

346366. W1171. Isla do Pinos, Cuba.

346367. W1185. Paramaribo, Surinam.

346368. W1186. Paramaribo, Surinam.

346369. W1187. Marajo Island, Para, Brazil.

346370. W1188. Manaos, Amazonas, Brazil.

346371. W1193. Manaos, Amazonas, Brazil.

346372. W1196. Villavicencio, Meta, Colombia.

346373 to 346375. ORYZA SATIVA L. Gramineae. **Rice.**

From Thailand. Seed presented by Dr. Sala Dasananda, Rice Department, Ministry of Agriculture, Bangkok. Received November 3, 1969.

346373. LT X IR8. 12–2. Maturation period 125 days.

346374. LT X IR8. 17–3. Maturation period 120 days.

346375. LT X IR8. 56–1. Maturation period 133 days.

346376 to 346386. ARACHIS HYPOGAEA L. Leguminosae. Peanut.

From Israel. Seed presented by E. Goldin, Volcani Institute of Agricultural Research, Beit Dagan. Plants grown at Beltsville, Maryland, 1969. Received April 15, 1969.

346376. 37. X–30 Number.

346376 to 346386—Continued

346377. 47. X–30 Number.
346378. 85. X–30 Number.
346379. 152. X–30 Number.
346380. 168. X–30 Number.
346381. 3/68. X–30 Line.
346382. 5/68–1. X–30 Line.
346383. 5/68–2. X–30 Line.
346384. 8/70. X–30 Line.
346385. 10/68–1. X–30 Line.
346386. 10/68–2. X–30 Line.

346387 to 346403.

From Argentina. Seed presented by E. A. Favret, Instituto Nacional de Tecnologia Agropecuaria, Castelar. Received November 13, 1969.

346387 to 346396. HORDEUM VULGARE L. Gramineae. **Common barley.**

346387. Malteria Heda: Original line. (68–7708).
346388. Mutant C 64. (68–27805.
346389. Mutant C 20. (68–7744).
346390. Mutant Ert 1a. (68–7736).
346391. Mutant Ert 2a. (68–7737).
346392. Mutant Ert 3a. (68–7738).
346393. Mutant Ert 4a. (68–7739).
346394. Mutant Ert 5a. (68–7740).
346395. Mutant Ert 6a. (68–7741).
346396. Mutant Ert 7a. (67–19904).

346397 to 346403. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

346397. Sinvalocho: Original line. (68–30002).
346398. Gama 1. (68–29998).
346399. Gama 2. (68–30003).
346400. Gama 3. (68–30004).
346401. Gama 4. (68–30001).
346402. Gama 5. (68–30009).
346403. Gama 6. (68–30010).

346404. HORDEUM VULGARE L. Gramineae. **Common barley.**

From Germany. Seed presented by E. Rehse, F. von Lochow-Petkus G.m.b.H., Zuchtstation Wetze. Received November 14, 1969.

'Oriol'.

346405 to 346414. ORYZA SATIVA L. Gramineae. Rice.

From The Philippines. Seed presented by T. T. Chang, International Rice Research Institute, Los Banos, Laguna. Received November 6, 1969.

346405. 100876. Irradiated Taichung 65 mutant. Taiwan.
346406. 101515. Fukei 71. Japan.
346407. 101518. R–90. Japan.
346408. 101519. San-in 73. Japan.

346405 to 346414—Continued

346409. 101527. Allorio Lambda. France.

346410. 101528. Nahng Mon S–4 mutant N1–4. Thailand.

346411. 101529. Nahng Mon S–4 mutant X1–131. Thailand.

346412. 101531. N. P. 130 mutant S–1. India.

346413. 101532. N. P. 130 mutant S–3. India.

346414. 101688. I-kung-bau 4–2. Taiwan.

346415. ALLIUM CEPA L. Liliaceae. **Onion.**

From The United States. Bulbs presented by E. M. Meader, Rochester, New Hampshire and held at Regional Plant Introduction Station, Geneva, N. Y. Received November 17, 1969.

'Gill' (potato onion) × P.I. 275965. Multiplier; bulb 3.0 cm. wide by 2.4 cm. deep, partly red.

346416. SECALE CEREALE L. Gramineae. **Rye.**

From Australia. Seed presented by Plant Introduction Section, Division of Plant Industry, Commonwealth Scientific and Industrial Research Organization. Received November 12, 1969.

'Varnerag'.

346417 and 346418.

From Zambia. Seed collected September 1969 by D. B. Fanshawe, Forest Department, Ministry of Rural Development, Kitwe. Received November 19, 1969.

346417. HIBISCUS ACETOSELLA Welw. Malvaceae.

Kitwe.

346418. HIBISCUS MECHOWII Garcke Malvaceae.

Kabompo.

346419. ATRIPLEX CANESCENS (Pursh) Nutt. Chenopodiaceae.

From United States. Seed collected by John Schwendeman, Soil Conservation Service Nursery, Bridger, Mont. Received November 19, 1969.

P–15585.

346420. ERIOBOTRYA JAPONICA (Thunb.) Lindl. Rosaceae. **Loquat.**

From Brazil. Seed presented by B. Skvortzov, Instituto de Botanica, Sao Paulo. Received November 24, 1969.

346421 to 346432. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**

From Yugoslavia. Seed presented by M. Jankovic, Institute of Small Grains, Kragujevac. Received November 26, 1969.

346421. 15/57.

346422. 18/60.

346423. 24–C.

346424. 29/60.

346425. 101/1.

346426. 129/60.

346427. 513/1.

346428. 668/1.

346429. 1081.

346430. 4014/5.

346431. Kragujevcanka–75.

346432. Sumadija.

346433. ZEA MAYS L. Gramineae. **Corn.**

From Anguilla, West Indies. Seed presented by F. R. Miller, Federal Experiment Station, Mayaguez, Puerto Rico. Received November 19, 1969.

Collected in Anguilla, West Indies. Grows under droughty conditions.

346434. PHASEOLUS VULGARIS L. Leguminosae. **Bean.**

From El Salvador. Seed presented by United States Department of Agriculture-Agency for International Development Technical Assistance Agreement, American Embassy, San Salvador. Received February 24, 1965.

Contaminant in P.I. 304298 = *P. mungo*. Collected in Zapolitan; uncommonly cultivated.

346435 to 346437. TRITICUM DURUM Desf. Gramineae.

From Italy. Seed presented by A. Bozzini, Comitato Nazionale, Per L'energia Nucleare, Laboratorio Applicazioni in Agricoltura, Rome. Received November 26, 1969.

346435. CD 68. Resistant to types of mildew.

346436. CD 130. Resistant to types of mildew.

346437. Karashirvan.

346438 and 346439. ORYZA SATIVA L. Gramineae. **Rice.**

From The Philippines. Seed presented by the International Rice Research Institute, Los Banos, Laguna. Received November 25, 1969.

346438. IR874–B2–70–1 (IR8/2 × [(CP231 × SLO–17) × Nahng Mon S–4]; seed source SI–21).

346439. IR1154–243–1 (IR8/2 × Zenith; seed source 9034).

346440. DOLICHOS LABLAB L. Leguminosae. **Hyacinth-bean.**

From United States. Seed presented by E. O. Schlotzhauer, Oxon Hill, Maryland. Received November 19, 1969.

346441 to 346449. ORYZA SATIVA L. Gramineae. **Rice.**

From Guyana. Seed presented by M. S. Pawar, Rice Geneticist, Mon Repos. Received November 25, 1969.

346441. 50638.
346442. 50770.
346443. 50771.
346444. 50774.
346445. 50776.
346446. 50778.
346447. 50781.
346448. 51779.
346449. 51782.

346450 to 346758.

From United States. Plant material collected by G. J. Galletta, Department of Horticultural Sciences, North Carolina State University, Raleigh. Domestic exploration conducted under New Crops Research Branch Regional Project S–9. Received March 10, 1969.

346450 and 346451. GAYLUSSACIA BACCATA (Wang.) K. Koch. Ericaceae.

346450. 18452–B. Clone. Giles County, Mountain Lake, Virginia. Powerline cut through dense woods. Collected 1966.

346451. 8–7–2. Clone. Halifax County, N. C., N.C. 561, east of Heathsville. At woods edge. Plant rhizomatous; leaves yellow green, 2.7 to 4.5 cm. by 1.2 to 1.6 cm. Collected 1968.

346452. GAYLUSSACIA FRONDOSA (L.) Torr. & Gray ex Torr. Ericaceae.

7–20–9. Seed. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant 1.8 m. tall; fruit blue. Collected 1967.

346453 to 346466. VACCINIUM ALTOMONTANUM Ashe Ericaceae.

346453. 18452–A. Clone. Giles County, Mountain Lake, Virginia. Powerline cut through dense woods. Plant 0.5 to 1.0 m. tall; leaves entire, glabrous, 3 to 6 cm. long; fruit 7 to 9 mm. diameter. Collected 1966.

346450 to 346758—Continued

346453 to 346466—Continued

346454. 18513. Seed. Giles County, Mountain Lake, Virginia. Power-line cut through dense woods. Plant 0.5 to 1.0 m. tall; leaves entire, glabrous, 3 to 6 cm. long; fruit 7 to 9 mm. diameter. Collected 1966.

346455. 7–55–6. Clone. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant low bush to 38 cm. tall; leaves entire, pubescent, 25 to 39 mm. by 13 to 18 mm; fruit glaucous, blue, 11 mm. diameter. Collected 1967.

346456. 7–55–6. Seed. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant low bush to 38 cm. tall; leaves entire, pubescent, 25 to 39 mm. by 13 to 18 mm.; fruit glaucous, blue, 11 mm. diameter. Collected 1967.

346457. 7–55–7. Clone. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant to 36 cm. tall; leaves entire, subglaucous, 34 to 47 mm. by 17 to 23 mm.; fruit blue, 9 to 11 mm. diameter. Collected 1967.

346458. 7–55–7. Seed. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant to 36 cm. tall; leaves entire, subglaucous, 34 to 47 mm. by 17 to 23 mm.; fruit blue, 9 to 11 mm. diameter. Collected 1967.

346459. 7–55–9. Clone. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant 91 cm. tall; rhizomatous; leaves entire, glaucous, 18 to 26 mm. by 39 to 57 mm. fruit blue, 8 to 9 mm. diameter. Collected 1967.

346460. 7–55–9. Seed. Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant 91 cm. tall; rhizomatous; leaves entire, glaucous, 18 to 26 mm. by 39 to 57 mm. fruit blue, 8 to 9 mm. diameter. Collected 1967.

346461. 7–59–2. Clone. Macon County, North Carolina, top of Buck Knob, hardwood forest, *Kalmia, Rhododendron.* Plant 0.9 to 1.1 m. tall; leaves entire, glaucous, 41 to 49 mm. by 18 to 23 mm. Collected 1967.

346462. 7–59–3. Clone. Macon County, North Carolina, top of Buck Knob, hardwood forest, *Kalmia, Rhododendron.* Plants to 0.9 m. tall; leaves variable, 33 to 43 mm. by 15 to 20 mm.; fruit glaucous, blue, 8 to 10 mm. diameter. Collected 1967.

346463. 7–59–3. Seed. Macon County, North Carolina, top of Buck Knob, hardwood forest, *Kalmia, Rhododendron.* Plants to 0.9 m. tall; leaves variable, 33 to 43 mm. by 15 to 20 mm.; fruit glaucous, blue, 8 to 10 mm. diameter. Collected 1967.

346464. 7–64. Seed. Swain County, North Carolina, near Mollie Gap on Blue Ridge Parkway. Plants in dense colonies, 0.6 to 0.9 (1.1) m. tall; leaves variable, 2.5 cm. by 4 cm.; fruit blue, glaucous, 8 to 9 mm. diameter. Collected 1967.

346465. 7–65–2. Cuttings. Jackson County, North Carolina, mileage marker 434 on Blue Ridge Parkway, steep hillside meadow, east slope. Plants 46 to 76 cm. tall; dispersed population. Collected 1967.

346466. 7–65–2. Seed. Jackson County, North Carolina, mileage marker 434 on Blue Ridge Parkway, steep hillside meadow, east slope. Plants 46 to 76 cm. tall; dispersed population. Collected 1967.

346467 to 346474. VACCINIUM AMOENUM Ait.

346467. 7–17–13. Clone. Echols County, Georgia, south of Lanier-Echols county line on U.S. 129, flat, open woodland. Plant to 2.4 m. tall; leaves pubescent, serrate, 46 mm. by 22 mm. Collected 1967.

346450 to 346758—Continued

346467 to 346474—Continued

346468. 7–17–17. Seed. Echols County, Georgia, south of Lanier-Echols county line on U.S. 129, flat, open woodland. Plant to 2.4 m. tall; leaves pubescent, serrate, 46 mm. by 22 mm. Collected 1967.

346469. 7–20–2. Clone. (*V. amoenum* × *V. Ashei*). Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Collected 1967.

346470. 7–31–4. Clone. Holmes County, Florida, U.S. 90 west of junction with State Route 181; 50-foot-pine wood area at edge of pond. Plant 1.2 to 1.5 m. tall; leaves yellow green, lanceolate; plant appeared sterile. Collected 1967.

346471. 7–31–5. Clone. (*V. virgatum*). Holmes County, Florida, U.S. 90 west of junction with State Route 181; 50-foot-pine wooded area at edge of pond. Plant 1.2 m. tall; appeared sterile. Collected 1967.

346472. 7–49–1. Clone. Perry County, Arkansas, south of South Fourche LaFave River on Ark. 7, mixed upland forest with *V. rotundifolia*, 4 forms of *Vaccinium* understory. Plants 1.2 to 1.5 m. tall; leaves serrate, 45 to 59 mm. by 24 to 34 mm., young stems pubescent; fruit shining black, 8 to 9 mm. diameter. Collected 1967.

346473. 7–50–3. Clone. Garland County, Arkansas, south of Jessieville on Ark. 7; draw below hilly, wood slope with *V. arboreum* and *V. vaccillans*. Young plants 76 to 91 cm. tall; leaves serrate, pubescent, 42 to 54 mm. long, 18 to 27 mm. wide; fruit black, 9 mm. diameter. Collected 1967.

346474. 7–50–3. Seed. Garland County, Arkansas, south of Jessieville on Ark. 7; draw below hilly, wood slope with *V. arboreum* and *V. vaccillans*. Young plants 76 to 91 cm. tall; leaves serrate, pubescent, 42 to 54 mm. long, 18 to 27 mm. wide; fruit black, 9 mm. diameter. Collected 1967.

346475 to 346483. VACCINIUM ANGUSTIFOLIUM Ait.

346475. 8–10–1. Cuttings. Washburn County, Wisconsin, Section 10, Township 40 N., Range 13 W., cutover pine woods. Plants 16 to 18 cm. tall; leaves green, serrulate, 1.9 to 3.3 cm. by 0.6 to 0.9 cm.; fruit frosty blue, 5 to 8 mm. diameter. Collected 1968.

346476. 8–10–1. Seed. Washburn County, Wisconsin, Section 10, Township 40 N., Range 13 W., cutover pine woods. Plants 16 to 18 cm. tall; leaves green, serrulate, 1.9 to 3.3 cm. by 0.6 to 0.9 cm.; fruit frosty blue, 5 to 8 mm. diameter. Collected 1968.

346477. 8–13–1. Cuttings. Resembles *V. lamarckii*. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest, open, rolling country. Plants 20 to 24 cm. tall; leaves deep green, serrulate, glabrous, 2.6 cm. by 1.1 cm., fruit frosty blue, 11 mm. diameter. Collected 1968.

346478. 8–13–1. Seed. Resembles *V. lamarckii*. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest, open, rolling country. Plants 20 to 24 cm. tall; leaves deep green, serrulate, glabrous, 2.6 cm. by 1.1 cm., fruit frosty blue, 11 mm. diameter. Collected 1968.

346479. 8–13–3b. Seed. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest, (S.W. corner) open, rolling country. Plants 16 cm. tall; leaves yellow green, 2.4 cm. by 0.9 cm.; fruit light blue, 5 to 7 mm. diameter. Collected 1968.

346480. 8–14. Seed. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest, (East Central Area) open, rolling country. Plants 16 cm. tall; leaves yellow green, 2.4 cm. by 0.9 cm., fruit light blue, 5 to 7 mm. diameter. Collected 1968.

346450 to 346758—Continued

346475 to 346483—Continued

346481. 8–17–2. Cuttings. Vilas County, Wisconsin, Carey Dam Seed Production Area, Nicolet Forest, burned-over pinewoods, hilly. Leaves yellow green to dark green, serrulate, glabrous, 2.5 to 3.1 cm. by 1.0 to 1.6 cm.; fruit blue, 6 to 9 mm. diameter. Collected 1968.

346482. 8–17–2. Seed. Vilas County, Wisconsin, Carey Dam Seed Production Area, Nicolet Forest, burned-over pinewoods, hilly. Leaves yellow green to dark green, serrulate, glabrous, 2.5 to 3.1 cm. by 1.0 to 1.6 cm.; fruit blue, 6 to 9 mm. diameter. Collected 1968.

346483. 8–18–2. Clone. Vilas County, Wisconsin, brown bush bog on Wis. 17 near Eagle River. Leaves light green, broad. Collected 1968.

346484 and 346485. VACCINIUM ARBOREUM Marsh.

346484. 7–26–2. Clone. Gadsden County, Florida, on State Route 267 north of junction with U.S. 20, edge of sandy oak woods. Young plants 0.9 to 1.2 m. tall; very vigorous. Collected 1967.

346485. 7–27–1. Clone. Jackson County, Florida, south of Sneads on County Route 280. Pinewoods. Plants 0.9 to 1.2 m. tall. Collected 1967.

346486 to 346489. VACCINIUM ARKANSANUM Ashe

346486. 7–9–3. Clone. Resembles *V. atrococcum*. Putnam County, Florida, south of Johnson on State Route 21. Collected 1967.

346487. 7–15–3. Clone. Lanier County, Georgia, south of Stockton on U.S. 129. With *Nyssa biflora*, *Persea*, *Magnolia virginiana*, and *Pinckneya* in swamp. Plants to 3.7 m. tall; leaves 55 to 65 mm. by 20 to 31 mm.; stems pubescent; fruit black. Collected 1967.

346488. 7–20–3. Clone. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant to 3.7 m. tall. Collected 1967.

346489. 7–20–3. Seed. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant to 3.7 m. tall.

346490 to 346513. VACCINIUM ASHEI Reade

346490. 7–17–2. Clone. Echols County, Georgia, south of Lanier-Echols County line, on U.S. 129, flat, open woodland. Obovate leaves. Collected 1967.

346491. 7–17–6. Clone. Resembles *V. amoenum*. Echols County, Georgia, south of Lanier-Echols county line, on U.S. 129, flat, open woodland. Obovate leaves. Collected 1967.

346492. 7–17–9. Clone. Echols County, Georgia, south of Lanier-Echols county line, on U.S. 129, flat, open woodland. Obovate leaves. Collected 1967.

346493. 7–17–14. Clone. Echols County, Georgia, south of Lanier-Echols county line, on U.S. 129, flat, open woodland. Plant 2.1 m. tall; leaves pubescent, serrate, to 41 mm. by 24 mm. Collected 1967.

346494. 7–17–15. Clone. Echols County, Georgia, south of Lanier-Echols county line, on U.S. 129, flat, open woodland. Plant 1.8 to 2.1 m. tall; leaves glaucous, serrate, to 50 mm. by 18 mm.; fruit very light blue. Collected 1967.

346495. 7–17–16. Seed. Echols County, Georgia, south of Lanier-Echols county line on U.S. 129, flat, open woodland. Collected 1967.

346496. 7–17–19. Clone. Echols County, Georgia, south of Lanier-Echols county line on U.S. 129, flat, open woodland. Collected 1967.

346497. 7–20–1. Clone. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Collected 1967.

346450 to 346758—Continued

346490 to 346513—Continued

346498. 7–20–1. Seed. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Collected 1967.

346499. 7–20–6. Clone. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant 1.8 m. tall. Collected 1967.

346500. 7–21–1. Clone. Leon County, Florida, on County Route 263 south of junction with State Route 20. Open pine, live oak, laurel oak woodland. Plants 1.8 to 2.4 m. tall; leaves elliptic, glabrous; fruit medium to dark blue. Collected 1967.

346501. 7–21–1. Seed. Leon County, Florida, on County 263 south of junction with State Route 20. Open pine, live oak, laurel oak woodland. Plants 1.8 to 2.4 m. tall; leaves elliptic, glabrous; fruit medium to dark blue. Collected 1967.

346502. 7–28–1. Clone. Okaloosa County, Florida, off Fla. 4. Plant 2.7 m. tall; leaves serrate, yellow green, 50 to 72 mm. by 25 to 40 mm.; fruit 11 mm. diameter, dark blue with bloom, pleasant sweet flavor, not gritty. Collected 1967.

346503. 7–28–1. Seed. Okaloosa County, Florida, off Fla. 4. Plant 2.7 m. tall; leaves serrate, yellow green, 50 to 72 mm. by 25 to 40 mm.; fruit 11 mm. diameter, dark blue with bloom, pleasant sweet flavor, not gritty. Collected 1967.

346504. 7–28–2. Clone. Okaloosa County, Florida, off Fla. 4. Plants to 2.4 m. tall; leaves lanceolate to oblanceolate. Collected 1967.

346505. 7–28–2. Seed. Okaloosa County, Florida, off Fla. 4. Plants to 2.4 m. tall; leaves lanceolate to oblanceolate. Collected 1967.

346506. 7–29–3. Clone. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Plant 1.8 m. tall; leaves elliptic, glabrous; fruit dark, 9 mm. diameter. Collected 1967.

346507. 7–29–3. Seed. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Plant 1.8 m. tall; leaves elliptic, glabrous; fruit dark, 9 mm. diameter. Collected 1967.

346508. 7–29–4. Clone. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Bush to 2.4 m.; stems pubescent; leaves slightly glaucous, pubescent; fruit dark blue with bloom. Collected 1967.

346509. 7–29–4. Seed. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Bush to 2.4 m.; stems pubescent; leaves slightly glaucous, pubescent; fruit dark blue with bloom. Collected 1967.

346510. 7–30. Seed. (Mixed population). Okaloosa County, Florida, off Fla. 4, east of Fla. 189. Plants 1.8 to 4.6 m. tall. Collected 1967.

346511. 7–31–1. Clone. Holmes County, Florida, U.S. 90 west of junction with 181; 50-foot-pine wooded area at edge of pond. Plants 1.5 to 2.1 m. tall; leaves serrate, ovate; fruit black, 11 to 12 mm. Collected 1967.

346512. 7–31–1. Seed. Holmes County, Florida, U.S. 90 west of junction with State Route 181; 50-foot-pine wooded area at edge of pond. Plants 1.5 to 2.1 tall; leaves serrate, ovate; fruit black, 11–12 mm. Collected 1967.

346513. 7–31–2. Clone. Holmes County, Florida, U.S. 90 west of junction with State Route 181; 50-foot-pine wooded area at edge of pond. Plants to 1.5 m. tall. Collected 1967.

346514 to 346537. VACCINIUM ATROCOCCUM (Gray) Heller

346514. 7–8–3. Clone. Alachua County, Florida, State Route 325, south of junction with State Route 20. Plants 1.5 to 2.4 m. tall; leaves entire, elliptic, light green, pubescent; fruit dark. Collected 1967.

346450 to 346758—Continued

346514 to 346537—Continued

346515. 7–9–1. Clone. Putnam County, Florida, south of Johnson on State Route 21. Plants to 3.7 m. tall; leaves shiny light medium green, pubescent, entire, 4.5 cm by 2.5 cm.; fruit black, 8 mm. diameter. Collected 1967.

346516. 7–11–1. Clone. Marion County, Florida, northwest corner of Lake Kerr. Wooded lake bank. Plant 1.2 to 1.5 m. tall; pubescent stems; leaves entire, dark green, 6.5 cm. long. Resembles *V. arkansanum.* Collected 1967.

346517. 7–12–5. Clone. Alachua County, Florida, State Route 325, 4 miles east of Cross Creek. Woods edge along roadway. Plant 1.8 m. tall. Collected 1967.

346518. 7–15–4. Clone. Resembles *V. arkansanum.* Lanier County, Georgia, south of Stockton on U.S. 129. With *Nyssa biflora, Persea, Magnolia virginiana, Pickneya* in swamp. Plant to 1.7 m.; strong growing; stems pubescent; leaves entire, pubescent, 59 to 74 mm. by 27 to 36 mm.

346519. 7–18–1. Clone. Resembles *V. arkansanum.* Clinch County, Georgia, north of Ga. 94 on Ga. 177. In bay with myrtle, gallberry, *Ilex myrtifolia,* cypress, and *V. myrsinites.* Plant 2.4 to 3.6 m. tall; leaves entire, 2.5 to 5.2 cm. long; fruit black. Collected 1967.

346520. 7–18–1. Seed. Resembles *V. arkansanum.* Clinch County, Georgia, north of Ga. 94 on Ga. 177. In bay with myrtle, gallberry, *Ilex myrtifolia,* cypress, and *V. myrsinites.* Plant 2.4 to 3.6 tall; leaves entire, 2.5 to 5.2 cm. long; fruit black. Collected 1967.

346521. 7–19–3. Clone. Clinch County, Georgia, north of Clinch county line on Ga. 177. Young plant 1.2 m. tall. Collected 1967.

346522. 7–19–3. Seed. Clinch County, Georgia, north of Clinch County line on Ga. 177. Young plant 1.2 m. tall. Collected 1967.

346523. 7–20–4. Clone. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant 2.7 to 3.7 m. tall. Collected 1967.

346524. 7–20–8. Seed. Charlton County, Georgia, Okefenokee Swamp at end of Ga. 177. Plant 2.7 to 3.7 m. tall. Collected 1967.

346525. 7–35–2. Clone. Resembles *V. arkansanum.* Lanier County, Georgia, south of Stockton, on U.S. 129. Pine, *Cyrilla* swamp. Swamp plants, over 3.7 m. tall; many canes over 3.8 cm. diameter; leaves entire, large, pubescent, ovate. Collected 1967.

346526. 7–37–2. Clone. Burlington County, New Jersey, Oswego Cranberry and Blueberry Research Station. On ditchbank. Plant 1.8 m. tall; twigs pubescent; leaves entire, pubescent; fruit small and dark. Collected 1967.

346527. 7–37–2. Seed. Burlington County, New Jersey, Oswego Cranberry and Blueberry Research Station. On ditchbank. Plant 1.8 m. tall; twigs pubescent; leaves entire, pubescent; fruit small and dark. Collected 1967.

346528. 7–38–3. Clone. Resembles *V. corymbosum.* Morris County, New Jersey, north of Barnardsville, on U.S. 202. Upland, moist, open wooded grassy meadow, maple and birch. Plant 1.2 m. tall; stems pubescent; leaves entire, 35 to 60 mm. by 21 to 38 mm. Collected 1967.

346529. 7–41–4. Clone. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plants 2.4 to 3.0 m. tall; leaves very pubescent, 20 to 25 mm. by 52 to 55 mm.; fruit dark blue to black, 7 mm. diameter. Collected 1967.

346450 to 346758—Continued

346514 to 346537—Continued

346530. 7–41–4. Seed. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plants 2.4 to 3.0 m. tall leaves very pubescent, 20 to 25 mm. by 52 to 55 mm.; fruit dark blue to black, 7 mm. diameter. Collected 1967.

346531. 8–5–4. Clone. Scotland County, North Carolina, north of Laurinburg on U.S. Highways 15 and 501. Dry pond margin, diverse flora. Young plant 0.9 m. tall; leaves entire, elliptic, pubescent, 4.4 to 5.4 cm. by 2.1 to 2.7 cm.; stems pubescent; fruit dark blue, 6 mm. diameter. Collected 1968.

346532. 8–6. Seed. *V. atrococcum* hybrids. Marlboro County, South Carolina, overgrown pocosin on S.C. 381, south of McColl. Brushy woodland. Plants 1 to 1.2 m. tall; leaves small; dark fruit. Collected 1968.

346533. 8–6–2. Clone. Marlboro County, South Carolina, overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.4 m. tall; leaves entire, pubescent, 5.1 to 8.2 cm. by 2.8 to 4.5 cm.; stems pubescent; fruit black, 6 to 9 diameter. Collected 1968.

346534. 8–6–2. Seed. Marlboro County, South Carolina, overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.4 m. tall; leaves entire, pubescent, 5.1 to 8.2 cm. by 2.8 to 4.5 cm.; stems pubescent; fruit black, 6 to 9 mm. diameter. Collected 1968.

346535. 8–8–3. Clone. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.5 m. tall; leaves entire, pubescent, 4.5 to 7.5 cm. by 2.6 to 4.5 cm.; stems pubescent; fruit shiny black. Collected 1968.

346536. 8–8–3. Seed. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.5 m. tall; leaves entire, pubescent, 4.5 to 7.5 cm. by 2.6 to 4.5 cm.; stems pubescent; fruit shiny black. Collected 1968.

346537. 8–9–8. Clone. Gates County, North Carolina; County road 1200, north of Eure, open pine-oak woods. Plant 3.0 to 3.3 m. tall; leaves entire, elliptic, pubescent, 6.0 cm. by 3.1 cm; fruit dark, 5 to 7 mm. diameter. Collected 1968.

346538 to 346570. VACCINIUM AUSTRALE Small

346538. 7–22–1. Clone. (hybrid). Leon County, Florida, on County 263, 1.9 miles from Spring Hill Road. Plants to 1.7 m. tall. Collected 1967.

346539. 7–22–1. Seed. Leon County, Florida, on county road 263, 1.9 miles from Spring Hill Road. Plants to 1.7 m. tall. Collected 1967.

346540. 7–22–3. Clone. Leon County, Florida, on county road 263, 1.9 miles from Spring Hill Road. Plants to 1.8 m. tall. Collected 1967.

346541. 7–23. Clone. Leon County, Florida, west of 267A–267 junction. Wooded roadside with cypress, *Magnolia virginiana*, and *Gordonia*. Plant to 2.7 m.; fruit dark, small. Collected 1967.

346542. 7–23. Seed. Leon County, Florida, west of 267A–267 junction. Wooded roadside with cypress, *Magnolia virginiana*, and *Gordonia*. Plant to 2.7 m.; fruit dark, small. Collected 1967.

346543. 7–25. Clone. Gadsden County, Florida, junction of U.S. 20 with 267. Plant 3.7 m.; leaves elliptic to elliptic ovate. Collected 1967.

346544. 7–41–2. Clone. Burlington County, New Jersey, east of Tabernacle, on Route 532. Edge of commercial cranberry bog. Plant 1.5 to 2.4 m. tall; leaves entire, 42 to 60 mm. by 21 to 26 mm.; fruit blue, 11 to 12 mm. diameter. Collected 1967.

346450 to 346758—Continued

346538 to 346570—Continued

346545. 7–41–2. Seed. Burlington County, New Jersey, east of Tabernacle, on Route 532. Edge of commercial cranberry bog. Plant 1.5 to 2.4 m. tall; leaves entire, 42 to 60 mm. by 21 to 26 mm.; fruit blue, 11 to 12 mm. diameter. Collected 1967.

346546. 7–66. Seed. Johnston County, North Carolina, south of U.S. I–95 overpass at Benson. Open pinewoods. From five early ripening, blue-fruited plants. Collected 1967.

346547. 8–4–1. Clone. Lee County, North Carolina, on U.S. 1, south of junction with U.S. 15 and U.S. 501. Deciduous forest with heavy undergrowth. Plant 2.1 m. tall; leaves entire, glabrous, 7.5 to 10.0 cm. by 3.2 to 4.0 cm.; fruit light blue. Collected 1968.

346548. 8–4–2. Clone. Lee County, North Carolina, on U.S. 1, south of junction with U.S. 15 and U.S. 501. Deciduous forest with heavy undergrowth. Plant 2.7 m. tall, spreading; leaves entire, glabrous, 5.4 to 8.0 cm. by 3.0 to 4.6 cm.; fruit blue, 9 mm. diameter. Collected 1968.

346549. 8–4–3. Clone. Lee County, North Carolina, on U.S. 1, south of junction with U.S. 15 and U.S. 501. Deciduous forest with heavy undergrowth. Young plant, 1.2 m. tall; leaves entire, extremely ovate, glabrous, 8.8 cm. by 4.4 cm. Collected 1968.

346550. 8–5–1. Clone. Scotland County, North Carolina, north of Laurinburg on U.S. 15 and U.S. 501. Dry pond margin, diverse flora. Plant 1.8 m. tall; leaves entire, narrowly elliptic, glabrous, 6.8 to 7.3 cm. by 3.1 to 3.2 cm.; fruit blue, 7 mm. diameter. Collected 1968.

346551. 8–5–2. Clone. Scotland County, North Carolina, north of Laurinburg on U.S. 15 and U.S. 501. Dry pond margin, diverse flora. Young plant 1.1 m. tall; leaves entire, elliptic, glabrous, yellow green, 6.0 to 7.3 cm. by 2.9 to 3.4 cm.; fruit blue, 10 mm. diameter. Collected 1968.

346552. 8–5–7. Seed. Scotland County, North Carolina, north of Laurinburg on U.S. 15 and U.S. 501. Dry pond margin, diverse flora. Random sample from P.I. 346551. Collected 1968.

346553. 8–6–1. Clone. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, 7.0 to 8.6 cm. by 2.6 to 3.9 cm.; fruit blue, 9 mm. diameter. Collected 1968.

346554. 8–6–1. Seed. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, 7.0 to 8.6 cm. by 2.6 to 3.9 cm.; fruit blue, 9 mm. diameter. Collected 1968.

346555. 8–6–4. Clone. Resembles *V. caesariense*. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.9 m. tall; leaves entire, glabrous, 5.5 to 5.6 cm. by 2.3 cm.; fruit light blue, 7 to 10 mm. diameter. Collected 1968.

346556. 8–6–4. Seed. Resembles *V. caesariense*. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.9 m. tall; leaves entire, glabrous, 5.5 to 5.6 cm. by 2.3 to 2.4 cm.; fruit light blue, 7 to 10 mm. diameter. Collected 1968.

346557. 8–6–6. Clone. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, 5.3 to 9.3 cm. by 2.3 to 5.3 cm.; fruit blue, 11 to 12 mm. diameter. Collected 1968.

346450 to 346758—Continued

346538 to 346570—Continued

346558. 8–6–6. Seed. Marlboro County, South Carolina. Overgrown pocosin on S. C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, 5.3 to 9.3 cm. by 2.3 to 5.3 cm.; fruit blue, 11 to 12 mm. diameter. Collected 1968.

346559. 8–6–7. Clone. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, 4.1 to 6.4 cm. by 2.0 to 3.3 cm.; fruit dark blue, ovoid, 9 to 10 mm. diameter. Collected 1968.

346560. 8–6–8. Clone. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, at edge of sawdust pile. Plant spreading; leaves entire, glabrous, 6.2 to 9.2 cm. by 2.2 to 4.0 cm.; fruit light blue, 8 to 10 mm. diameter. Collected 1968.

346561. 8–6–8. Seed. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, at edge of sawdust pile. Plant spreading; leaves entire, glabrous, 6.2 to 9.2 cm. by 2.2 to 4.0 cm.; fruit light blue, 8 to 10 mm. diameter. Collected 1968.

346562. 8–6–9. Seed. Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl, brushy woodland. Plant 1.8 m. tall; leaves entire, elliptic, glabrous, fruit blue, large tear shaped. Collected 1968.

346563. 8–8–2. Clone. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.5 m. tall; leaves entire, ovate, glabrous, glaucous, 6.5 to 8.7 cm. by 3.4 to 4.3 cm. Collected 1968.

346564. 8–8–2. Seed. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.5 m. tall; leaves entire, ovate, glabrous, glaucous, 6.5 to 8.7 cm. by 3.4 to 4.3 cm. Collected 1968.

346565. 8–8–5. Clone. Sussex County, Virginia, north of the Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.5 m. tall; leaves entire, ovate, glabrous, glaucous, 6.5 to 8.7 cm. by 3.4 to 4.3 cm. Collected 1968.

346566. 8–9–2. Clone. Resembles *V. caesariense*. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plants crown forming, 1.5 to 2.1 m. tall leaves entire, 3.0 to 5.7 mm. by 1.1 to 1.8 mm.; fruit blue, 8 to 9 mm. diameter. Collected 1968.

346567. 8–9–4. Clone. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 1.8 m. tall; leaves elliptic, serrulate, 6.6 cm. by 3.4 cm.; fruit blue. Collected 1968.

346568. 8–9–5. Clone. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 2.4 m. tall; leaves entire, elliptic, glabrous, yellow green, 5.7 to 8.0 cm. by 2.7 to 3.8 cm.; fruit blue, 6 to 10 mm. diameter. Collected 1968.

346569. 8–9–6. Clone. Resembles *V. caesariense*. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 1.4 to 1.5 m. tall; leaves elliptic, serrulate, glabrous, 5.5 to 6.3 cm. by 2.2 to 2.5 cm.; fruit blue, 5 to 7 mm. diameter. Collected 1968.

346570. 8–9–6. Seed. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 1.4 to 1.5 m. tall; leaves elliptic, serrulate, glabrous, 5.5 to 6.3 cm. by 2.2 to 2.5 cm.; fruit blue, 5 to 7 mm. diameter. Collected 1968.

346571 to 346581. VACCINIUM BRITTONII Porter ex Bickn.

346571. 18469. Seed. Grant County, West Virginia, Dolly Sods ridge. Flat, open ridge, granite boulders. Bushy colony 0.4 m. tall; leaves pale green, serrate, 2.5 to 4.0 cm. long; fruit black, dull 8 to 10 mm. diameter, flavor good, mild. Collected 1968.

346450 to 346758—Continued

346571 to 346581—Continued

346572. 18470. Seed. Grant County, West Virginia, Dolly Sods ridge. Flat, open ridge, granite boulders. Rhizomatous colony 25 to 30 cm. tall; leaves serrate, uniform, 2.5 cm. long; fruit black, dull. Collected 1968.

346573. 18472. Clone. Sterile. Grant County, West Virginia, Dolly Sods ridge. Flat, open ridge, granite boulders. Bushy colony. Plant 0.3 to 0.4 m. tall; leaves pale green, serrate, 3 cm. long. Collected 1968.

346574. 8–10–4. Clone. Washburn County, Wisconsin, Section 10 Township 40 N., Range 13 W. Cutover pinewoods. Plants to 45 cm. tall; leaves serrulate, glabrous, 3.4 to 3.9 cm. by 1.1 to 1.3 cm.; fruit dark blue, glaucous, 11 mm. diameter. Collected 1968.

346575. 8–12. Seed. Burnett County, Wisconsin, Section 12, Township 41 N., Range 14 W. Two-year-old, burned area. Bulk. Collected 1968.

346576. 8–13–2. Clone. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest. Open, rolling country. Plants 22 to 28 cm. tall; leaves sharply serrate, glabrous, glaucous, 3.0 cm. by 1.4 cm.; fruit dark, 6 mm. diameter. Collected 1968.

346577. 8–13–2. Seed. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest. Open, rolling country. Plants 22 to 28 cm. tall; leaves sharply serrate, glabrous, glaucous, 3.0 cm. by 1.4 cm.; fruit dark, 6 mm. diameter. Collected 1968.

346578. 8–16–3. Clone. Vilas County, Wisconsin, Plum Creek Avenue, Saint Germain. Sparsely-to-open wooded slope. Plants 28 to 30 cm. tall; leaves serrate, glaucous, 2.5 to 4.1 cm. by 0.9 to 1.5 cm.; stems slightly pubescent; fruit dark, slightly glaucous, roundish, 9 mm. diameter. Collected 1968.

346579. 8–16–3. Seed. Vilas County, Wisconsin, Plum Creek Avenue, Saint Germain. Sparsely-to-open wooded slope. Plants 28 to 30 cm. tall; leaves serrate, glaucous, 2.5 to 4.1 cm. by 0.9 to 1.5 cm.; stems slightly pubescent; fruit dark, slightly glaucous, roundish, 9 mm. diameter. Collected 1968.

346580. 8–17–3. Clone. Vilas County, Wisconsin, Carey Dam Seed Production Area. Nicolet National Forest. Burned-over pinewoods, hilly. Leaves glabrous, glaucous on both surfaces, 2.1 to 2.9 cm. by 0.7 to 1.2 cm.; fruit dark with slight bloom, 9 mm. diameter. Collected 1968.

346581. 8–17–3. Seed. Vilas County, Wisconsin, Carey Dam Seed Production Area. Nicolet National Forest. Burned over pinewoods, hilly. Leaves glabrous, glaucous on both surfaces, 2.1 to 2.9 cm. by 0.7 to 1.2 cm.; fruit dark with slight bloom, 9 mm. diameter. Collected 1968.

346582 to 346594. VACCINIUM CAESARIENSE Mackenzie

346582. 7–18–2. Clone. Clinch County, Georgia, north of Ga. 94 on Ga. 177. In bay with myrtle, gallberry, *Ilex myrtifolia*, cypress, and *V. myrsinites*. Plant 1.8 m. tall; leaves entire, 2.5 to 5.2 cm. long; fruit blue, glaucous. Collected 1968.

346583. 7–18–2. Seed. Clinch County, Georgia, north of Ga. 94 on Ga. 177. In bay with myrtle, gallberry, *Ilex myrtifolia*, cypress, *V. myrsinites*. Plant 1.8 m. tall; leaves entire, 2.5 to 5.2 cm. long; fruit blue, glaucous. Collected 1968.

346450 to 346758—Continued

346582 to 346594—Continued

346584. 7–37–1. Clone. Burlington County, New Jersey, Oswego Cranberry and Blueberry Research Station. On ditchbank. Young plant 46 cm. tall; leaves entire, 50 mm. by 17 mm.; fruit blue, to 11 mm. diameter. Collected 1967.

346585. 7–37–1. Seed. Burlington County, New Jersey, Oswego Cranberry and Blueberry Research Station. On ditchbank. Young plant 46 cm. tall; leaves entire, 50 mm. by 17 mm.; fruit blue, to 11 mm. diameter. Collected 1967.

346586. 7–41–1. Clone. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plants 1.5 to 1.8 m. tall; leaves 37 to 58 mm. by 16 to 24 mm.; fruit blue, 7 to 10 mm. diameter. Collected 1967.

346587. 7–41–1. Seed. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plants 1.5 to 1.8 m. tall; leaves 37 to 58 mm. by 16 to 24 mm.; fruit blue, 7 to 10 mm. diameter. Collected 1967.

346588. 7–42–1. Clone. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.2 to 1.8 m. tall; leaves 55 to 57 by 18 to 25 mm.; fruit glaucous, 9 to 10 mm. diameter. Collected 1967.

346589. 7–42–1. Seed. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.2 to 1.8 m. tall; leaves 55 to 57 mm. by 18 to 25 mm.; fruit glaucous, 9 to 10 mm. diameter. Collected 1967.

346590. 7–42–2. Clone. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.2 to 1.7 m. tall; leaves glaucous, glabrous, serrate, 43 to 45 mm. by 15 to 16 mm.; fruit blue, 8 to 9 mm. diameter. Collected 1967.

346591. 7–42–2. Seed. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.2 to 1.7 m. tall; leaves glaucous, glabrous, serrate, 43 to 45 mm. by 15 to 16 mm.; fruit blue, 8 to 9 mm. diameter. Collected 1967.

346592. 7–42–3. Clone. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.7 to 1.8 m. tall; leaves dark green, glaucous, glabrous, 50 to 58 mm. by 21 to 23 mm.; fruit blue, 8 to 10 mm. diameter. Collected 1967.

346593. 7–42–3. Seed. Washington County, North Carolina. Bay near Lake Phelps. Plant 1.7 to 1.8 m. tall; leaves dark green, glaucous, glabrous, 50 to 58 mm. by 21 to 23 mm.; fruit blue, 8 to 10 mm. diameter. Collected 1967.

346594. 8–9–7. Clone. Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 2.4 to 3.0 m. tall; leaves entire, elliptic, glabrous. 5.3 to 6.0 cm. by 2.8 to 3.4 cm.; fruit medium blue, 7 mm. diameter. Collected 1968.

346595 to 346603. VACCINIUM CONSTABLAEI Gray

346595. 7–53–2. Seed. Transylvania County, North Carolina, overlook below Wagon Road Gap, Blue Ridge Parkway. Wooded ridge, oak, *Rhododendron*, horsechestnut. Plant spreading to 2.1 m. tall; leaves serrate, 56 to 63 mm. by 30 to 33 mm.; fruit glaucous blue, to 9 mm. diameter. Stimulatoid phase. Collected 1967.

346596. 7–53–4. Clone. Transylvania County, North Carolina, overlook below Wagon Road Gap, Blue Ridge Parkway. Wooded ridge, oak, *Rhododendron*, horsechestnut. Plants 1.8 to 3.7 m. tall. Stimulatoid phase. Collected 1967.

346450 to 346758—Continued

346595 to 346603—Continued

346597. 7–55–1. Seed. Transylvania County, North Carolina, Blue Ridge Parkway. Huckleberry and azalea hillside. Usually few stems, 0.9 to 1.8 m. tall; leaves elliptic, glacucous; stems reddish. Collected 1967.

346598. 7–57. Seed. Macon County, North Carolina, Wayah Bald road. Collected 1967.

346599. 7–59–1. Clone. Macon County, North Carolina. Hardwood forest, *Kalmia*, azalea, *Rhododendron*. Plants 3.0 to 3.9 m. tall; leaves finely serrate; fruit glaucous, dark blue, 7 to 10.5 mm. diameter. Collected 1967.

346600. 7–59–1. Seed. Macon County, North Carolina. Hardwood forest, *Kalmia*, azalea, *Rhododendron*. Plants 3.0 to 3.9 m. tall; leaves finely serrate; fruit glaucous, dark blue, 7 to 10.5 mm. diameter. Collected 1967.

346601. 7–60–1. Clone. Macon County, North Carolina, west side of Wine Spring Bald. Plant 1.8 m. tall; strong thick shoots; leaves dark green, serrate, 58 to 80 mm. by 24 to 32 mm. Collected 1967.

346602. 7–60–2. Clone. Macon County, North Carolina, west of Wine Spring Bald. Plant 2.7 m. tall; leaves entire, narrowly elliptic, 60 to 83 mm. by 21 to 31 mm. Collected 1967.

346603. 7–63–3. Clone. Swain County, North Carolina, Heintooga Ridge Spur Road at Laurel Gap, off Blue Ridge Parkway. Roadside with azaleas. Two groups: Young plants, to 61 cm. tall; leaves ovate to broadly elliptic, 40 to 50 mm. by 17 to 23 mm.; many fruit, blue, glaucous, 10 to 11 mm. diameter; berries borne in upright clusters of 7 to 10 berries. Second group: Plants to 1.5 m. tall; leaves broader, more yellow green, less glaucous; fruit darker. Collected 1967.

346604 to 346607. VACCINIUM CORYMBOSUM L.

346604. 7–38–1. Clone. Morris County, New Jersey, north of Barnardsville on U. S. 202. Upland, moist, open wooded, grassy meadow, maple and birch. Highbush plants, crown-forming, 1.5 to 1.8 m. tall; leaves entire, 38 to 65 mm. by 21 to 34 mm.; fruit small, blue. Collected 1967.

346605. 7–38–5. Clone. Morris County, New Jersey, north of Barnardsville on U.S. 202. Upland, moist, open-wooded, grassy meadow, maple and birch. Plant 1.1 to 1.2 m. tall; leaves ovate, light green to yellow green, pubescent, 54 to 93 mm. by 29 to 47 mm.; fruit blue. Collected 1967.

346606. 7–41–3. Clone. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plant 2.3 m. tall; leaves serrate; fruit large, blue. Collected 1967.

346607. 7–41–3. Seed. Burlington County, New Jersey, east of Tabernacle on Route 532. Edge of commercial cranberry bog. Plant 2.3 m. tall; leaves serrate; fruit large, blue. Collected 1967.

346608. VACCINIUM CRASSIFOLIUM Andr.

8–2–1. Clone. Beaufort County, North Carolina. Intersection of U.S. 17 and N.C. 102; mowed area between roadside ditch and young forest. Collected 1968.

346609 to 346618. VACCINIUM DARROWII Camp

346609. 7–5–1. Clone. Martin County, Florida, bank of St. Lucie Canal. Among dense palmetto clumps in deep, fine-grained sand. Plant to 49 cm. tall; leaves glaucous. Collected 1967.

346450 to 346758—Continued

346609 to 346618—Continued

346610. 7–6–1. Clone. Highlands County, Florida, in depression near irrigation waterhole with palmetto, pine, *Gordonia*, bracken fern. Plants 27 to 49 cm. tall; leaves entire, evergreen, glandular, glaucous, 8 to 11 mm. by 4 to 5 mm.; fruit light blue, 6 to 7 mm. diameter. Collected 1967.

346611. 7–6–1. Seed. Highlands County, Florida, in depression near irrigation waterhole with palmetto, pine, *Gordonia*, bracken fern. Plants 27 to 49 cm. tall; leaves entire, evergreen, glandular, glaucous, 8 to 11 mm. by 4 to 5 mm. fruit light blue, 6 to 7 mm. diameter. Collected 1967.

346612. 7–6–3. Clone. Possible hybrid. Highlands County, Florida, in depression near irrigation waterhole with palmetto, pine *Gordonia*, bracken fern. Plant to 38 cm. tall; leaves entire, medium deep green, 13 to 15 mm. by 6 to 9 mm.; fruit medium dark blue, 5 to 6 mm. diameter. Collected 1967.

346613. 7–6–3. Seed. Possible hybrid. Highlands County, Florida, in depression near irrigation waterhole with palmetto, pine, *Gordonia*, bracken fern. Plant to 38 cm. tall; leaves entire, medium deep green, 13 to 15 mm. by 6 to 9 mm.; fruit medium dark blue, 5 to 6 mm. diameter. Collected 1967.

346614. 7–8–2. Clone. Alachua County, Florida, State road 325, south of State 20. Plants to 45 cm. Collected 1967.

346615. 7–10. Clone. Putnam County, Florida, State 19 south of State 310. Ocala scrub on highway slope. Plants 0.5 to 1.1 m. tall; leaves glaucous, pubescent. Collected 1967.

346616. 7–12–2. Clone. Alachua County, Florida, State 325, 4 miles east of Cross Creek. Woods edge along roadway. Plant 1.5 m. tall. Collected 1967.

346617. 7–14–1. Clone. Lowndes County, Georgia, U.S. 84, east of Valdosta State College. Low pineland–palmetto flatwoods with myrtle, *Gaylussacia*, slash pine. Plant to 34 cm. tall; leaves glaucous, 17 to 18 mm. by 7 to 8 mm. Collected 1967.

346618. 7–14–2. Clone. Lowndes County, Georgia, U.S. 84, east of Valdosta State College. Low pineland–palmetto flatwoods with myrtle, *Gaylussacia*, slash pine. Plant 45 cm. tall; leaves 9 mm. by 4 mm.; fruit blue, 9 mm. diameter. Collected 1967.

346619 to 346628. VACCINIUM ELLIOTTII Chapmn.

346619. 7–11–3A. Clone. Marion County, Florida, northwest corner of Lake Kerr. Wooded lake bank. Collected 1967.

346620. 7–15–1. Clone. Lanier County, Georgia, south of Stockton on U.S. 129. With *Nyssa biflora*, *Persea*, *Magnolia virginiana*, *Pinckneya* in swamp. Leaves light green, elliptic, 22 mm. by 10 to 11 mm. Collected 1967.

346621. 7–16. Clone. Lanier County, Georgia, 2.4 miles south of Stockton on U.S. 129. Open slash pine–turkey oak forest. Plant 2.4 to 2.7 m. tall; leaves 17 to 18 cm. by 8 cm.; fruit dark blue, 6 mm. diameter. Collected 1967.

346622. 7–21–2. Clone. Leon County, Florida, on County 263 south of junction with State 20. Open pine, live oak, laurel oak woodland. Plants 2.4 to 3.0 m. tall; leaves serrate, elliptic. Collected 1967.

346623. 7–27–2. Clone. Jackson County, Florida, south of Sneads on County 280. Pine woods. Young plants to 0.9 m. Collected 1967.

346450 to 346758—Continued

346619 to 346628—Continued

346624. 7–29–1. Clone. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Plants 1.7 to 3.7 m. tall. Collected 1967.

346625. 7–29–1. Seed. Okaloosa County, Florida, off Fla. 4. Oak woods on sandy ridge. Plants 1.7 to 3.7 m. tall. Collected 1967.

346626. 7–31–3. Clone. Holmes County, Florida, U.S. 90 west of junction with 181. Fifty-foot-pine wooded area at edge of pond. Plants 1.5 to 3.0 m. tall. Collected 1967.

346627. 8–3. Clone. Sampson County, North Carolina, near Highway Memorial Park, south of Clinton on U.S. 421. Wooded river bottom. Collected 1968.

346628. 8–3. Seed. Sampson County, North Carolina, near Highway Memorial Park, south of Clinton on U.S. 421. Wooded river bottom. Collected 1968.

346629 and 346630. VACCINIUM ERYTHROCARPUM Michx.

346629. 7–61. Seed. Swain County, North Carolina, north of Collins Gap on Appalachian Trail. Fir, spruce and birch forest, 830 m. Plants 0.8 to 1.4 (1.8) m. tall, densely colonial; leaves elliptic, serrate, subglaucous, 53 to 82 mm. by 25 to 27 mm.; fruit red to red purple, 8 to 9 mm. diameter, borne singly. Collected 1967.

346630. 7–63–1. Seed. Swain County, North Carolina. Heintooga Ridge Spur Road at Laurel Gap, off Blue Ridge Parkway. Roadside with azaleas. Plants to 0.9 m. tall; stems and fruit have small glandular hairs; leaves serrate, 48 to 70 mm. by 21 to 28 mm.; fruit mahogany, to 10 mm. diameter. Collected 1967.

346631. VACCINIUM FUSCATUM Ait.

7–22–4. Clone. Resembles *V. atrococcum*. Leon County, Florida, on County 263 1.9 miles from Spring Hill Road. Plant 1.5 m. tall; stems pubescent and reddish; twigs green. Collected 1967.

346632 to 346641. VACCINIUM LAMARCKII Camp

346632. 18474. Clone. Grant County, West Virginia, Dolly Sods ridge. Flat open ridge, granite boulders. Plant colonial, 5 dm. tall; leaves serrulate, pale green; 2 to 3 cm. long; stems green; fruit glaucous blue, 8 to 10 mm. diameter. Collected 1966.

346633. 18474. Seed. Grant County, West Virginia, Dolly Sods ridge. Flat, open ridge, granite boulders. Plant colonial, 5 dm. tall; leaves serrulate, pale green; 2 to 3 cm. long; stems green; fruit glaucous blue, 8 to 10 mm. diameter. Collected 1966.

346634. 18471. Seed. Grant County, West Virginia, Dolly Sods ridge. Flat, open ridge, granite boulders. Plants 2 to 3 dm. tall, twiggy; leaves serrate, dark green, shiny, uniformly elliptic, 2 to 3 cm. long; fruit blue, 5 to 8 (10) mm. diameter, glaucous. Collected 1966.

346635. 18455. Seed. Craig County, Virginia. Abandoned farm, off Route 311, Paint Bank, Virginia. Margin of abandoned field with other lowbush blueberries, elevation 914 m. Plant crown, 0.3 to 0.4 m.; leaves serrate 2.5 to 3.5 cm. long; fruit blue, 5 to 7 mm. diameter. Collected 1966.

346636. 8–10–2. Clone. Washburn County, Wisconsin, Section 10, Township 40 N., Range 13 W. Cutover pine woods. Plants to 24 cm. tall; leaves dark green, elliptic, serrulate, glabrous, 3.7 to 4.4 cm. by 1.6 to 1.7 cm.; fruit blue, 10 mm. diameter. Collected 1968.

346637. 8–10–2. Seed. Washburn County, Wisconsin, Section 10, Township 40 N., Range 13 W. Cutover pine woods. Plants to 24 cm. tall; leaves dark green, elliptic, serrulate, glabrous, 3.7 to 4.4 cm. by 1.6 to 1.7 cm.; fruit blue, 10 mm. diameter. Collected 1968.

346450 to 346758—Continued

346632 to 346641—Continued

346638. 8–15. Clone. Bayfield County, Wisconsin, Moquah Barrens Wildlife Management Unit, Chequamegon National Forest. Leaves green, serrulate, 3.1 to 3.6 cm. by 1.5 to 1.8 cm.; fruit blue, 10 mm. diameter. Collected 1968.

346639. 8–16–2. Clone. Vilas County, Wisconsin, Plum Creek Avenue, Saint Germain. Sparsely to open-wooded slope. Plants 18 to 20 cm. tall; leaves bright green, 3.3 to 3.5 cm. by 1.5 to 1.6 cm.; fruit blue, 8 to 12 mm. diameter. Collected 1968.

346640. 8–16–2. Seed. Vilas County, Wisconsin, Plum Creek Avenue, Saint Germain. Sparsely to open-wooded slope. Plants 18 to 20 cm. tall; leaves bright green, 3.3 to 3.5 cm. by 1.5 to 1.6 cm.; fruit blue, 8 to 12 mm. diameter. Collected 1968.

346641. 8–18–3. Clone. Resembles *V. angustifolium.* Vilas County, Wisconsin; brown bush bog on Wis. 17 near Eagle River. Leaves dark green, broad. Collected 1968.

346642. VACCINIUM MACROCARPON Ait.

7–37–3. Clone. Burlington County, New Jersey. Oswego Cranberry and Blueberry Research Station. Cranberry vines, Jersey Black clone. Collected 1967.

346643 to 346644. VACCINIUM MARIANUM Wats.

346643. 8–8–4. Clone. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Young plant 0.9 m. tall; leaves entire, elliptic; fruit dark blue, to 11 mm. diameter. Collected 1968.

346644. 8–8–4. Seed. Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Young plant 0.9 m. tall; leaves entire, elliptic; fruit dark blue, to 11 mm. diameter. Collected 1968.

346645 to 346659. VACCINIUM MYRSINITES Lam.

346645. 7–2–1. Clone. Broward County, Florida, Fort Lauderdale. Sparse pinewoods. Plant stoloniferous, vigorous, branched, 27 cm. tall by 35 cm. wide; leaves 6 to 8 mm. long; fruits dark blue, 7 mm. diameter. Collected 1967.

346646. 7–4. Clone. Martin County, Florida, Johnathon Dickinson State Park, open slash pine sand area, shrub oaks, *Lyonia,* palmetto. Plants typical, stoloniferous; around bases of oak clumps. Collected 1967.

346647. 7–5–2. Clone. Martin County, Florida, bank of St. Lucie Canal. Among dense palmetto clumps in deep, fine-grained sand. Plant to 32 or 36 cm. tall; leaves glabrous. Collected 1967.

346648. 7–6–2. Clone. (possibly *V. darrowi* hybrid). Highlands County, Florida. In depression near irrigation waterhole with palmetto, pine, *Gordonia,* bracken fern. Plants 23 to 58 cm. tall; leaves evergreen, glabrous, glandular, deep yellow green, entire, 6 to 7 mm. by 3 to 4 mm.; fruit shiny black, 6 to 7 mm. diameter. Collected 1967.

346649. 7–6–2. Seed. (possibly *V. darrowi* hybrid). Highlands County, Florida. In depression near irrigation waterhole with palmetto, pine, *Gordonia,* bracken fern. Plants 23 to 58 cm. tall; leaves evergreen, glabrous, glandular, deep yellow green, entire, 6 to 7 mm. by 3 to 4 mm.; fruit shiny black, 6 to 7 mm. diameter. Collected 1967.

346650. 7–8–7. Clone. Alachua County, Florida, State 325 south of junction with State 20. Plant 0.8 m. tall; leaves evergreen, glaucous, pubescent, 10 to 12 mm. long. Collected 1967.

346450 to 346758—Continued

346645 to 346659—Continued

346651. 7–9–2. Clone. Putnam County, Florida, south of Johnson on State 21. Plant 1.2 m. tall. Collected 1967.

346652. 7–9–2. Seed. Putnam County, Florida, south of Johnson on State 21. Plant 1.2 m. tall. Collected 1967.

346653. 7–11–2. Clone. (possible hybrid). Marion County, Florida, northwest corner of Lake Kerr. Wooded lake bank. Plants 0.8 to 1.5 m. tall; leaves small. Collected 1967.

346654. 7–13. Clone. (hybrid). Alachua County, Florida, south of Earlton. Hedgerow across road from Arthur Elliott farm. Plant 1.1 m. tall; leaves very glossy, 1.3 to 2.5 cm. long; fruit black, prominent calyx. Collected 1967.

346655. 7–14–3. Clone. Lowndes County, Georgia, U.S. 84 east of Valdosta State College. Low pineland–palmetto flatwoods with myrtle, *Gaylussacia*, slash pine. Plants 32 to 33 cm. tall; leaves shiny, 8 mm. by 4 mm. Collected 1967.

346656. 7–24. Clone. Leon County, Florida, northwest of Routes 267A–267 junction on 267. Burned-over slash pinewoods. Collected 1967.

346657. 7–33. Clone. Franklin County, Florida, east of Turkey Point on Fla. 370. Sandy area near Gulf of Mexico, *Vaccinium* with pines, palmetto, and *Ilex*. Collected 1967.

346658. 7–3. Clone. Broward County, Florida, near Lauderdale Memorial Gardens Cemetery, Fort Lauderdale. Several clonal collections from variable population. Collected 1967.

346659. 8–1. Clone. Indian River County, Florida, south of Vero Beach. Open palmetto woods. Collected 1968.

346660 to 346667. VACCINIUM MYRTILLOIDES Michx.

346660. 18473. Seed. Tucker County, West Virginia, Dolly Sods ridge. Plant 2 to 4 dm., twigs pubescent; leaves entire, pubescent, 2 to 3 cm. long; fruit glaucous, blue 6 to 8 mm. diameter. Collected 1966.

346661. 18476. Clone. Hybrid with unknown highbush type. Tucker County, West Virginia, Dolly Sods ridge. Plant 6 to 10 dm.; stems pubescent; leaves elliptic, light green, 2 to 3 cm. long; fruit blue, glaucous 6 to 8 mm. diameter. Collected 1966.

346662. 18476. Seed. Hybrid with unknown highbush type. Tucker County, West Virginia, Dolly Sods ridge. Plant 6 to 10 dm.; stems pubescent; leaves elliptic, light green, 2 to 3 cm. long; fruit blue, glaucous 6 to 8 mm. diameter. Collected 1966.

346663. 8–10–3. Clone. Washburn County, Wisconsin, Section 10, Township 40 N., Range 13 W. Cutover pinewoods. Plants 21 to 26 cm. tall; leaves elliptic, pubescent, serrulate, 2.8 cm. long, 1.1 cm. wide; fruit medium dark blue, 6 to 7 mm. diameter. Collected 1968.

346664. 8–16–1. Seed. Vilas County, Wisconsin, Plum Creek Avenue, Saint Germain. Sparsely to open-wooded slope. Plants 28 to 40 cm. tall; leaves 3.0 to 3.8 cm. by 1.3 to 1.6 cm.; fruit blue, 9 to 10 mm. diameter. Collected 1968.

346665. 8–17–1. Clone. Vilas County, Wisconsin, Carey Dam Seed Production Area, Nicolet National Forest. Burned over pinewoods, hilly. Leaves 3.2 to 3.3 cm. by 1.3 to 1.4 cm.; stems pubescent; fruit powder blue over reddish purple, 8 to 9 mm. diameter. Collected 1968.

346666. 8–17–1. Seed. Vilas County, Wisconsin, Carey Dam Seed Production Area, Nicolet National Forest. Burned over pinewoods, hilly. Leaves 3.2 to 3.3 cm. by 1.3 to 1.4 cm.; stems pubescent; fruit powder blue over reddish purple, 8 to 9 mm. diameter. Collected 1968.

346667. 8–18–1. Clone. Vilas County, Wisconsin. Brown bush bog on Wis. 17 near Eagle River. Collected 1968.

346450 to 346758—Continued

346668. VACCINIUM OXYCOCCUS L.

8–17A. Clone. Iron County, Wisconsin, U.S. 51, west of Vilas County line. Brown bush bog. Collected 1968.

346669 to 346678. VACCINIUM PALLIDUM Ait.

346669. 18453. Clone. Giles County, Virginia, along Appalachian trail. Rocky bluff facing west; elevation 1,250 m. Plants 0.3 to 0.4 m.; rhizomatous; leaves glaucous below; fruit 7 to 8 mm. diameter, glaucous. Collected 1966.

346670. 18466. Clone. Pocahontas County, West Virginia, top of Michael Mountain. Elevation 1,113 m. Plant 0.3 to 0.4 m.; rhizomatous; leaves sub-entire, light green, 3 to 4 cm. long; shoots thick, branched; fruit dark blue, 6 mm. diameter. Collected 1966.

346671. 7–46–2. Clone. Benton County, Arkansas, old youth camp on Illinois River south of Ark 68. Steep wooded hillsides covered with lowbush *Vaccinium* forms. Plants to 20 cm. tall; leaves entire, glabrous, 40 to 44 mm. by 17 to 19 mm. Collected 1967.

346672. 7–47–2. Clone. Madison County, Arkansas, dirt road north of Red Star. Burned-over oak forest with *V. arboreum* and *V. stamineum*. Plant to 61 cm. tall; leaves entire, bronzed above; fruit dark blue, spherical, 4 to 5 mm. diameter. Collected 1967.

346673. 7–47–2. Seed. Madison County, Arkansas, dirt road north of Red Star. Burned-over oak forest with *V. arboreum* and *V. stamineum*. Plant to 61 cm. tall; leaves entire, bronzed above; fruit dark blue, spherical 4 to 5 mm. diameter. Collected 1967.

346674. 7–47–4. Clone. Madison County, Arkansas, dirt road north of Red Star. Burned-over oak forest with *V. arboreum* and *V. stamineum*. Plant to 46 cm. tall; leaves dark green, fruit medium blue, about 7 mm. diameter. Collected 1967.

346675. 7–47–4. Seed. Madison County, Arkansas, dirt road north of Red Star. Burned-over oak forest with *V. arboreum* and *V. stamineum*. Plant to 46 cm. tall; leaves dark green, fruit medium blue, about 7 mm. diameter. Collected 1967.

346676. 7–58–2. Clone. Macon County, North Carolina; Alpine meadow near High Haven Boy Scout Lodge. Plants colonial, lowbush, 18 to 75 cm. tall; leaves variable, 30 to 43 mm. by 15 to 21 mm.; fruit subglaucous, medium dark blue, 5 to 10 mm. diameter. Collected 1967.

346677. 7–58–2. Seed. Macon County, North Carolina; alpine meadow near High Haven Boy Scout Lodge. Plants colonial, lowbush, 18 to 75 cm. tall; leaves variable, 30 to 43 mm. by 15 to 21 mm.; fruit subglaucous, medium dark blue, 5 to 10 mm. diameter. Collected 1967.

346678. 8–9–1. Seed. Gates County, North Carolina, County road 1200, north of Eure; open pine-oak woods. Plants 46 to 61 cm. tall; leaves ovate, serrulate; fruit blue, 8 to 9 mm. diameter. Collected 1968.

346679 to 346687. VACCINIUM SIMULATUM Small

346679. 7–53–1. Clone. Transylvania County, North Carolina, overlook below Wagon Road Gap, Blue Ridge Parkway. Wooded ridge, oak with *Rhododendron*, horsechestnut. Plants 1.7 to 3.3 m. tall; leaves serrate, subglaucous, 51 to 77 mm. by 19 to 36 mm.; fruit dull blue, 6 to 8 mm. diameter. Collected 1967.

346680. 7–58–3. Clone. Macon County, North Carolina, alpine meadow near High Haven Boy Scout Lodge. Plants 1.2 to 1.8 m. tall; leaves serrate, 44 to 57 mm. by 19 to 29 mm,; fruit dark or blue, 7 to 8 mm. diameter. Collected 1967.

346450 to 346758—Continued

346679 to 346687—Continued

346681. 7–58–3. Seed. Macon County, North Carolina, alpine meadow near High Haven Boy Scout Lodge. Plants 1.2 to 1.8 m. tall; leaves serrate, 44 to 57 mm. by 19 to 29 mm.; fruit dark or blue, 7 to 8 mm. diameter. Collected 1967.

346682. 7–62–1. Seed. (*V. constablaei*). Swain County, North Carolina, top of Andrews Bald. Meadow of *Kalmia*, azalea, *Vaccinium*, 1,786 m. Plants to 2.4 m. tall; bark silvery gray over red brown; young twigs green to red, glabrous; leaves entire, 49 to 72 mm. by 20 to 25 mm.; fruit dark, subglaucous to glaucous, 8 to 10 mm. diameter. Collected 1967.

346683. 7–62–2. Clone. (*V. constablaei*). Swain County, North Carolina, top of Andrews Bald. Meadow of *Kalmia*, azalea, *Vaccinium*, 1,786 m. Plants to 1.8 m. tall; young twigs reddish; leaves narrowly elliptic, glabrous, 45 to 60 mm. by 21 to 23 mm.; fruit dark, subglaucous, 7 to 10 mm. diameter. Collected 1967.

346684. 7–62–2. Seed. (*V. constablaei*). Swain County, North Carolina, top of Andrews Bald. Meadow of *Kalmia*, azalea, *Vaccinium*, 1,786 m. Plants to 1.8 m. tall; young twigs reddish; leaves narrowly elliptic, glabrous, 45 to 60 mm. by 21 to 23 mm.; fruit dark, subglaucous, 7 to 10 mm. diameter. Collected 1967.

346685. 7–63–2. Clone. Swain County, North Carolina, Heintooga Ridge Spur Road, at Laurel Gap, off Blue Ridge Parkway. Roadside with azaleas. Plant to 1.8 m. tall; leaves yellow green to dark green, serrate, 50 to 95 mm.; by 15 to 21 mm.; fruit dark blue, subglaucous, 7 to 8 mm. diameter. Collected 1967.

346686. 7–63–2. Seed. Swain County, North Carolina, Heintooga Ridge Spur Road, at Laurel Gap, off Blue Ridge Parkway. Roadside with azaleas. Plant to 1.8 m. tall; leaves yellow green to dark green, serrate, 50 to 95 mm.; by 15 to 21 mm.; fruit dark blue, subglaucous, 7 to 8 mm. diameter. Collected 1967.

346687. 7–65–1. Clone. Jackson County, North Carolina, mileage marker 434 on Blue Ridge Parkway. Steep hillside meadow, east slope. Plants 1.5 to 2.1 m. tall; leaves entire, fruit dark. Collected 1967.

346688 to 346698. VACCINIUM STAMINEUM L.

346688. 7–8–1. Clone. Alachua County, Florida, State 325 south of junction with State 20. Plants 45 to 61 cm. tall; glaucous. Collected 1967.

346689. 7–15–2. Clone. Lanier County, Georgia, south of Stockton on U.S. 129. With *Nyssa biflora, Persea, Magnolia virginiana, Pickneya* in swamp. Plant 2.1 m. tall; leaves serrulate, glaucous, 38 cm. by 18 cm. Collected 1967.

346690. 7–17–10. Clone. Echols County, Georgia, south of Lanier-Echols County line on U.S. 129. Flat, open woodland. Collected 1967.

346691. 7–21–3. Clone. Leon County, Florida, on County 263 south of junction with State 20. Open pine, live oak, laurel oak woodland. Plants 1.5 to 1.8 m. tall; leaves yellow green; stems pubescent; fruit purple blue, glaucous. Collected 1967.

346692. 7–21–3. Seed. Leon County, Florida, on County 263 south of junction with State 20. Open pine, live oak, laurel oak woodland. Plants 1.5 to 1.8 m. tall; leaves yellow green; stems pubescent; fruit purple blue, glaucous. Collected 1967.

346693. 7–26–1. Clone. Gadsden County, Florida, on Route 267 north of junction with 20. Edge of sandy oak woods. Plant to 2.1 m. tall; fruit glaucous. Collected 1967.

346450 to 346758—Continued

346688 to 346698—Continued

346694. 7–32. Seed. Wakulla County, Florida, between Wayside Park and Crawfordsville, on Fla. 369. Slash pine field on roadside. Large-fruited population. Bulk. Collected 1967.

346695. 7–34–1. Seed. Lanier County, Georgia, south of Stockton on U.S. 129. Open reseeded slash pine–turkey oak woodland. Plant 1.2 to 3.7 m. tall, many stems, light brown bark; young stems reddish green, pubescent; leaves entire, small, down-turned margin, glaucous beneath, 17 to 47 mm. by 9 to 20 mm.; fruit dull reddish purple, heavy bloom, 11 to 12 mm. diameter. Collected 1967.

346696. 7–34–2. Seed. Lanier County, Georgia, south of Stockton on U.S. 129. Open reseeded slash pine–turkey oak woodland. Plant generally 1.2 to 1.5 m. tall, spreading; bark on older stems reddish brown; young twigs reddish green and pubescent; leaves deep green, 30 to 41 mm. by 14 to 19 mm.; fruit marked bloom over dark blue ground color, light frosty blue, 13 to 15 mm. diameter. Collected 1967.

346697. 7–44–1. Seed. Washington County, Arkansas, Greathouse Springs, Route 112. Steep, oak-wooded hillside. Plants to 91 cm. tall; leaves entire, glabrous, 52 to 85 mm. by 21 to 29 mm.; fruit dark, to pink or white on different plants. Collected 1967.

346698. 7–44–2. Seed. Washington County, Arkansas, Greathouse Springs, Route 112. Steep, oak-wooded hillside. Plants to 1.5 m. tall; leaves entire, 53 to 70 mm. by 23 mm. Collected 1967.

346699 to 346704. VACCINIUM TENELLUM Ait.

346699. 7–12–1. Clone. (hybrid). Alachua County, Florida, State 325, 4 miles east of Cross Creek. Woods edge along roadway. Plant 61 to 76 cm. tall. Collected 1967.

346700. 7–36–1. Clone. Lanier County, Georgia, south of Stockton on U.S. 129. Pine, mixed hardwood forest. Single stems, to 32 cm. tall, rhizomatous; leaves 27 to 28 mm. by 9 to 10 mm. Collected 1967.

346701. 7–43. Clone. Edgecomb County, North Carolina, wooded lot, Rocky Mount. Plants 15 to 19 cm. tall; leaves serrate; fruit dark blue. Collected 1967.

346702. 7–43. Seed. Edgecomb County, North Carolina, wooded lot, Rocky Mount. Plants 15 to 19 cm. tall; leaves serrate; fruit dark blue. Collected 1967.

346703. 8–2–2. Clone. Beaufort County, North Carolina, intersection of U.S. 17 and N.C. 102. Mowed area between roadside ditch and young forest. Collected 1968.

346704. 8–7–5. Clone. Halifax County, North Carolina, N.C. 561 east of Heathsville; at woods edge. Bulk. Plants 20 to 38 cm. tall; leaves serrulate, pubescent, 2.9 to 4.9 cm. by 1.0 to 1.6 cm.; stems slightly pubescent. Collected 1968.

346705 to 346716. VACCINIUM VACILLANS Torrey

346705. 18460. Seed. Pocahontas County, West Virginia, along State 11; association with *V. stamineum*. Plant 0.3 m. tall, rhizomatous; leaves entire, light green; 2 to 3 cm. long; fruit dark blue, 4 to 7 mm. diameter. Collected 1966.

346706. 18461. Clone. Torreyanum phase. Pocahontas County, West Virginia, Thorny Mountain Road. West face of cutover chestnut oak woodland, elevation 914 m. Plant to 0.5 m., rhizomatous; leaves entire, light green, 2.5 to 4.0 cm. long; fruit medium dark blue, 5 to 7 mm. diameter. Collected 1966.

346450 to 346758—Continued

346705 to 346716—Continued

346707. 18461. Seed. Torreyanum phase. Pocahontas County, West Virginia, Thorny Mountain Road. West face of cutover chestnut–oak woodland, elevation 914 m. Plant to 0.5 m., rhizomatous; entire, light green, 2.5 to 4.0 cm. long; fruit medium dark blue, 5 to 7 mm. diameter. Collected 1966.

346708. 7–39–1. Clone. Somerset-Morris County line, New Jersey, south of N.J. 24 on Mendham Road; hardwood forest on hillside at 213 to 244 m. Plants to 50 cm., leaves glaucous, 23 to 32 mm. by 15 to 19 mm.; fruit blue, 8 mm. diameter. Collected 1967.

346709. 7–40. Seed. Burlington County, New Jersey, east on Route 532. Young forest mixed white, turkey oak. Plants 10 to 35 cm. tall; leaves entire, elliptic, glaucous, 32 to 33 mm. by 13 to 18 mm.; fruit blue, 7 mm. diameter. Collected 1967.

346710. 7–44–3. Clone. Washington County, Arkansas, Greathouse Springs, Route 112. Steep, oak-wooded hillside. Plants colonial, 18 to 40 cm. tall; leaves serrate, light green, finely pubescent, 38 to 41 mm. by 21 to 23 mm. Collected 1967.

346711. 7–45–1. Clone. Resembles *V. pallidum.* Washington County, Arkansas, top of Mineral Springs Mountain, Route 174. Plant to 35 cm. tall; leaves serrate, 34 to 41 mm. by 18 to 24 mm.; fruit blue, 7 to 9 mm. diameter. Collected 1967.

346712. 7–45–1. Seed. Resembles *V. pallidum.* Washington County, Arkansas, top of Mineral Springs Mountain, Route 174. Plant to 35 cm. tall; leaves serrate, 34 to 41 mm. by 18 to 24 mm.; fruit blue, 7 to 9 mm. diameter. Collected 1967.

346713. 7–45–2. Clone. Resembles *V. pallidum.* Washington County, Arkansas, top of Mineral Springs Mountain, Route 174. Plant to 45 cm. tall; leaves entire; fruit dark blue, 5 to 8 mm. diameter. Collected 1967.

346714. 7–47–1. Seed. Madison County, Arkansas, dirt road north of Red Star. Burned-over oak forest with *V. arboreum* and *V. stamineum.* Plants 36 to 38 cm. tall; leaves entire, glabrous; fruit blue, oval, 8 mm. diameter. Collected 1967.

346715. 8–7–3. Clone. Includes *V. tenellum* genes. Halifax County, North Carolina, N.C. 561 east of Heathsville. At woods edge. Leaves 3.0 cm. by 1.3 cm. Collected 1968.

346716. 8–7–4. Clone. Includes *V. tenellum* genes. Halifax County, North Carolina, N.C. 561 east of Heathsville. At woods edge. Leaves 3.0 cm. by 1.3 cm. Bulk. Collected 1968.

346717 to 346728. VACCINIUM VIRGATUM Ait.

346717. 7–17–1. Clone. Echols County, Georgia, south of Lanier-Echols County line, on U.S. 129. Flat, open woodland. Pubescent form. Collected 1967.

346718. 7–17–3. Clone. Echols County, Georgia, south of Lanier-Echols County line, on U.S. 129. Flat, open woodland. Pubescent form. Collected 1967.

346719. 7–17–8. Clone. Echols County, Georgia, south of Lanier-Echols County line, on U.S. 129. Flat, open woodland. Pubescent form. Glaucous. Collected 1967.

346720. 7–17–11. Clone. Echols County, Georgia, south of Lanier-Echols County line on U.S. 129. Flat, open woodland. Plant to 1.5 m. tall; leaves elliptic, pubescent. Collected 1967.

346721. 7–17–18. Seed. Echols County, Georgia, south of Lanier-Echols County line, on U.S. 129. Flat, open woodland. Pubescent form. Collected 1967.

346450 to 346758—Continued

346717 to 346728—Continued

346722. 7–36–2. Clone. Lanier County, Georgia, south of Stockton on U.S. 129. Pine, mixed hardwood forest. Short-branched shrub to 55 cm.; leaves serrate, pubescent, to 35 mm. by 12 mm. Collected 1967.

346723. 7–48. Clone. Perry County, Arkansas, south of County line on Ark. 7. Rolling pine woodland, *Vaccinium*, oaks, *Ribes*. Plants 46 to 91 cm. tall; leaves serrate, pubescent, 2.5 to 5.1 cm. long; pubescent stems. Collected 1967.

346724. 7–49–2. Clone. Perry County, Arkansas, south of South Fourche LaFave River on Ark. 7. Mixed, upland forest with *V. rotundifolia*, 4 forms of *Vaccinium* in understory. Plant to 91 cm. tall; leaves pubescent, 31 to 49 mm. by 12 to 21 mm. Collected 1967.

346725. 7–50–1. Clone. Garland County, Arkansas, south of Jessieville on Ark. 7. Draw below hilly, wooded slope with *V. arboreum* and *V. vacillans*. Plant 0.6 to 1.2 m. tall; leaves serrate, pubescent, 33 to 50 mm. by 14 to 17 mm.; fruit dark, 5 to 10 mm. diameter. Collected 1967.

346726. 7–50–1. Seed. Garland County, Arkansas, south of Jessieville on Ark. 7. Draw below hilly, wooded slope with *V. arboreum* and *V. vacillans*. Plant 0.6 to 1.2 m. tall; leaves serrate, pubescent, 33 to 50 mm. by 14 to 17 mm.; fruit dark, 5 to 10 mm. diameter. Collected 1967.

346727. 7–50–2. Clone. Garland County, Arkansas, south of Jessieville on Ark. 7. Draw below hilly, wooded slope with *V. arboreum* and *V. vacillans*. Plant 1.5 to 1.8 m. tall. Collected 1967.

346728. 7–50–2. Seed. Garland County, Arkansas, south of Jessieville on Ark. 7. Draw below hilly, wooded slope with *V. arboreum* and *V. vacillans*. Plant 1.5 to 1.8 m. tall. Collected 1967.

346729 to 346751. VACCINIUM (hybrid)

346729. 7–53–3. Clone. (*V. altomontanum* × *V. simulatum*). Transylvania County, North Carolina, overlook below Wagon Road Gap, Blue Ridge Parkway, wooded ridge, oak, *Rhododendron*, horsechestnut. Plant to 1.8 m. tall; leaves dark green, 57 to 69 mm. by 24 to 27 mm.; fruit glaucous, blue. Collected 1967.

346730. 7–55–8. Seed. (*V. altomontanum* × *V. simulatum*). Transylvania County, North Carolina, Blue Ridge Parkway, huckleberry and azalea hillside. Plant 1.2 m. tall; leaves to 26 mm. by 60 mm.; canes thick; fruit glaucous, dark blue, to 12 mm. diameter. Collected 1967.

346731. 8–8–1. Clone. (*V. caesariense* × *V. atrococcum*). Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.8 m. tall; leaves entire, 5.3 to 7.5 cm. by 2.3 to 3.3 cm.; fruit dark blue, 8 mm. diameter. Collected 1968.

346732. 8–8–1. Seed. (*V. caesariense* × *V. atrococcum*). Sussex County, Virginia, north of Southampton-Sussex County line on Va. 35. Open pinewoods. Plant 1.8 m. tall; leaves entire, 5.3 to 7.5 cm. by 2.3 to 3.3 cm.; fruit dark blue, 8 mm. diameter. Collected 1968.

346733. 7–12–3. Clone. (*V. darrowi* × *V. atrococcum*). Alachua County, Florida, State 325, 4 miles east of Cross Creek. Woods edge along roadway. Plant 1.5 m. tall. Collected 1967.

346734. 7–8–5. Clone. Possible hybrid between (*V. darrowi* × *V. elliottii* or *V. atrococcum*). Alachua County, Florida, State 325 south of State 20. Plant to 0.9 m.; leaves pubescent, 2.5 cm. long. Collected 1967.

346735. 7–11–3B. Clone. Possible hybrid between (*V. darrowi* × *V. elliottii* or *V. atrococcum*). Marion County, Florida, northwest corner of Lake Kerr. Wooded lake bank. Collected 1967.

346450 to 346758—Continued

346729 to 346751—Continued

346736. 7–12–4. Clone. Possible hybrid between (*V. darrowi* × *V. elliottii* or *V. atrococcum*). Alachua County, Florida, State 325, 4 miles east of Cross Creek. Woods edge along roadway. Plant 1.1 m. tall. Collected 1967.

346737. 7–7a. Clone. (*V. elliottii* × *V. atrococcum*). Hillsborough County, Florida, west shore Taylor Lake. Plants 1.8 to 2.4 m.; leaves entire, pubescent, 16 to 24 mm. by 8 to 13 mm. Collected 1967.

346738. 7–19–2. Clone. (*V. myrsinites* × *V. atrococcum*). Clinch County, Georgia, north of Clinch County line on Ga. 177. Ponds on both sides of highway. Plant 76 cm. tall. Resembles *V. arkansanum*. Collected 1967.

346739. 7–22–2. Clone. (*V. myrsinites* × *V. australe*). Leon County, Florida, on County 263 1.9 miles from Spring Hill Road. Plant 0.9 m. tall; leaves elliptic, shiny green. Collected 1967.

346740. 7–46–3. Clone. (*V. pallidum* × *V. vacillans*). Benton County, Arkansas, old youth camp on Illinois River south of Ark. 68. Steep, wooded hillsides covered with lowbush *Vaccinium* forms. Plant to 35 cm. tall; leaves entire, pale green, pubescent beneath, 45 to 59 mm. by 11 to 21 mm. Collected 1967.

346741. 7–8–4. Clone. (*V. tenelium* × *V. elliottii*). Alachua County, Florida, State 325 south of junction with State 20. Plant 1.2 m. tall; leaves glossy, light green, pubescent, 23 to 25 mm. long. Collected 1967.

346742. 7–36–3. Clone. (*V. virgatum* × *V. myrsinites*). Lanier County, Georgia, south of Stockton on U.S. 129. Pine, mixed hardwood forest. Branched shrub to 69 cm.; leaves serrate, bright green, 22 mm. by 8 mm. Collected 1967.

346743. 8–5–5. Clone. (*V. atrococcum* × *V. caesariense*). Scotland County, North Carolina, north of Laurinburg, on U.S. 15–501. Dry pond margin, diverse flora. Plant 2.1 m. tall, crown forming; leaves entire, elliptic, 5.6 to 6.2 cm. by 2.4 to 3.2 cm.; fruit medium dark blue, 6 mm. diameter. Collected 1968.

346744. 8–5–6. Clone. (*V. atrococcum* × *V. caesariense*). Scotland County, North Carolina, north Laurinburg, on U.S. 15–501. Dry pond margin, diverse flora. Plant 2.1 m. tall, crown forming; leaves entire, elliptic, very pubescent, 3.8 to 5.7 cm. by 2.2 to 2.7 cm.; fruit dark blue, 5 to 7 mm. diameter. Collected 1968.

346745. 8–5–8. Seed. (*V. atrococcum* × *V. caesariense*). Scotland County, North Carolina, north of Laurinburg, on U.S. 15–501. Dry pond margin, diverse flora. Plant 2.1 m. tall, crown forming; leaves entire, elliptic, 5.6 to 6.2 cm. by 2.4 to 3.2 cm.; fruit medium blue, 6 mm. diameter. Bulk of P.I. 346743 and P.I. 346744. Collected 1968.

346746. 8–6–3. Clone. (*V. atrococcum* × *V. caesariense*). Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl. Brushy woodland. Plant 1.8 m. tall; leaves entire, 4.5 to 7.4 cm. by 2.0 to 3.4 cm.; fruit blue, 5 to 7 mm. diameter. Collected 1968.

346747. 8–6–3. Seed (*V. atrococcum* × *V. caesariense*). Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl. Brushy woodland. Plant 1.8 m. tall; leaves entire, pubescent, 4.5 to 7.4 cm. by 2.0 to 3.4 cm.; fruit blue, 5 to 7 mm. diameter. Collected 1968.

346748. 8–6–5. Clone. (*V. atrococcum* × *V. caesariense*). Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl. Brushy woodland. Plant 2.1 m. tall; leaves entire, ovate, pubescent, 4.3 to 7.2 cm. by 2.2 to 4.4 cm.; fruit blue, ovoid, 6 to 8 mm. diameter. Collected 1968.

346450 to 346758—Continued

346729 to 346751—Continued

346749. 8–6–5. Seed. (*V. atrococcum* × *V. caesariense*). Marlboro County, South Carolina. Overgrown pocosin on S.C. 381, south of McColl. Brushy woodland. Plant 2.1 m. tall; leaves entire, ovate, pubescent, 4.3 to 7.2 cm. by 2.2 to 4.4 cm.; fruit blue, ovoid, 6 to 8 mm. diameter. Collected 1968.

346750. 8–9–9. Clone. (*V. atrococcum* × *V. caesariense*). Gates County, North Carolina. County road 1200, north of Eure. Open pine-oak woods. Plant 2.7 m. tall; leaves pubescent, 4.8 cm. by 2.5 cm.; fruit dark blue, 6 mm. diameter. Collected 1968.

346751. 7–8–6. Clone. Unknown Hybrid. Alachua County, Florida, State 325 south of junction with State 20. Sprouts 61 cm. tall; leaves large, glossy light green, 4.0 to 6.5 cm. by 3 cm. Collected 1967.

346752 to 346758. VACCINIUM sp. Ericaceae.

346752. 8–11. Seed. (Mixture *V angustifolium* and *V. lamarckii*). Washburn County, Wisconsin, Section 20, Township 41 N., Range 13 W., open pinewoods and roadside. Bulk. Collected 1968.

346753. 7–54–1. Clone. (Mixture *V. constablaei* and *V. altomontanum*). Transylvania County, North Carolina, Blue Ridge Parkway at mileage marker 415. Variable young plants up to 91 cm. tall; fruit medium blue, glaucous. Collected 1967.

346754. 7–60–5. Clone. (Mixture *V. simulatum* and *V. constablaei*). Macon County, North Carolina, west of Wine Spring Bald. Plants 2.1 to 3.7 m. tall; leaves mostly serrate. Collected 1967.

346755. 8–7–1. Clone. (Mixture *V. vacillans* with *V. tenellum*). Halifax County, North Carolina, NC 561 east of Heathsville. Open pine-oak woods, along sandy roadcut. Plants to 20 cm. tall; leaves entire to serrulate, 3.6 cm. by 1.5 cm.; fruit medium blue, 6 mm. diameter. Collected 1968.

346756. 8–7–1. Seed. (Mixture *V. vacillans* with *V. tenellum*). Halifax County, North Carolina, NC 561 east of Heathsville. Open pine-oak woods, along sandy roadcut. Plants to 20 cm. tall; leaves entire to serrulate, 3.6 cm. by 1.5 cm.; fruit medium blue, 6 mm. diameter. Collected 1968.

346757. 7–52–2. Clone. (Mixture *V. virgatum* with *V. vacillans* or *V. pallidum*). Franklin County, Arkansas, curve on Ark. 23 south of Cass. Wooded mountain hill, mixture of lowbush *Vaccinium*. Collected 1967.

346758. 6–DS. Seed. (Mixture of lowbush species). Randolph County, West Virginia, Dolly Sods ridge. Random collection of fruit. Collected 1967.

346759. IPOMOEA BATATAS (L.) Lam. Convolvulaceae. **Sweetpotato.**

From Japan. Tubers presented by Ministry of Agriculture and Forestry, Kasumigaseki, Chiyoda-Ku, Tokyo. Received December 18, 1969.

'Satsuma-aka'.

346760. PRUNUS CERASUS L. Amygdalaceae. **Sour cherry.**

From Denmark. Trees presented by Count F. M. Knuth, Knuthenborg, Banholm. Received December 10, 1969.

'Stevns'.

346761 to 346770. LYCOPERSICON ESCULENTUM Mill. Solanaceae. **Tomato.**

From Nigeria. Seed presented by J. G. Quinn, Institute for Agricultural Research, Samaru, Zaria, Nigeria. Received December 2, 1969.

346761. 'Battipaglia 0156'.
346762. 'Battipaglia 0457'.
346763. 'Battipaglia 0557'.
346764. 'Battipaglia 0562'.
346765. 'Battipaglia 0757'.
346766. 'Chico'.
346767. 'Marmade Special'.
346768. 'Piacenza 0164'.
346769. 'Pygmy'.
346770. 'Ronita'.

346771. HIBISCUS CANNABINUS L. Malvaceae. **Kenaf.**

From the Republic of Ivory Coast. Seed presented by T. J. van Zuijlen, Institut de Recherches du Coton et des Textiles, Bouake. Received December 18, 1969.

Damara District, Central African Republic.

346772. VERNONIA ADOENSIS Sch.-Bip. ex Walp. Compositae.

From The Republic of South Africa. Seed presented by Mrs. Mell, Duiwelskloof, Transvaal. Received September 7, 1969.

NU 47848. C. E. Smith No. 4695.

346773. ERYTHRINA SPECIOSA Andr. Leguminosae. **Coraltree.**

From Brazil. Seed presented by M. B. Skvortzov, Instituto de Botanica, Secretaria da Agricultura, Sao Paulo. Received December 2, 1969.

346774. PETRAEA sp. Verbenaceae.

From Brazil. Seed presented by B. V. Skvortzov, Instituto de Botanica, Sao Paulo. Received November 25, 1969.

346775 to 346783.

From Hungary. Seed presented by National Institute of Agrobotany Tapioszele. Received December 2, 1969.

346775 and 346776. CORONILLA VARIA L. Leguminosae. **Crownvetch.**

346775. Originally from Sofia, Bulgaria.
346776. Originally from Erevan, Soviet Union.

346777. TRITICUM AESTIVUM L. Gramineae. **Common wheat.**
'Mocinave 42155'.

346778 to 346781. TRITICUM DURUM Desf. **Durum wheat.**

346778. 'Azerbeijan 15'.
346779. 'Azerbeijan 72–2'.
346780. 'Daghestan 4010'.
346781. 'K. 38270'.

346782. TRITICUM ISPAHANICUM Heslot

346783. TRITICUM TIMOPHEEVII (Zhuk.) Zhuk.

346784 to 346786.

From Israel. Seed presented by The Volcani Institute of Agricultural Research, Plant Introduction Service, Beit Dagan. Received December 18, 1969.

346784 and 346785. GALENIA SECUNDA (Thunb.) Sond. Aizoaceae.

346784. Origin West Australia.

346785. A–180–68. Origin Acre-Technion, Israel.

346786. PHALARIS AQUATICA L. Gramineae. **Large canarygrass.**
A–85–67. Selection from Acre-Technion, Israel.

346787 to 346790.

From The United States. Seed collected in Turkey by D. B. Bienz, Department of Horticulture, Washington State University, increased at Regional Plant Introduction Station, Pullman. Received November 20, 1969.

346787. CITRULLUS LANATUS (Thunb.) Mansf. Cucurbitaceae. **Watermelon.**

Yugoslavia, near Belgrade. Original melon round, small, dark green; rind tough; flesh red; seeds large, black. Segregated to produce melons of various shapes and sizes. Quality variable, almost as early as New Hampshire Midget. Vines more disease resistant and productive in Columbia Basin than other varieties.

346788 to 346790. CUCUMIS MELO L. Cucurbitaceae. **Muskmelon.**

346788. 'Birakli'. Early, honeydew type; excellent quality. Possibly mixed with another Turkish melon.

346789. 'Fiojin'. Yugoslavia. Vines vigorous, long lived; fruit skin knobby, golden; flesh golden; quality good; early maturing; heavy yielding.

346790. 'Mugla'. Popular, early variety from southwest Turkey. Medium size, lightly netted, yellow-green flesh, very sweet with unique aroma and flavor.

346791 to 346800. ABIES PINSAPO Boiss. Pinaceae. Fir.

From Spain. Seed collected by William Dingle from mother trees near Yunquera, Sierra de Los Nieves, Malaga. Received December 31, 1969.

346791. Tree number 1.
346792. Tree number 2.
346793. Tree number 3.
346794. Tree number 5.
346795. Tree number 6.
346796. Tree number 7.
346797. Tree number 8.
346798. Tree number 9.
346799. Tree number 10.
346800. Tree number 11.

346801 to 346814. TRITICUM AESTIVUM L. Gramineae. Common wheat.

From Yugoslavia. Seed presented by Vaso Momcilovic, Institute of Agricultural Research, Novi Sad, Maksima Gorkog. Received December 19, 1969.

346801. Frontana-Mida-Kenya 117 A × Bezostaja 13.
346802. Gabo 56 × Bezostaja 14.
346803. Gabo 56 × Panonija3.
346804. Lee ND 34. ND 138 × Bezostaja 14.
346805. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × Backa4.
346806. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × Backa3.
346807. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × Backa2.
346808. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × BO–54.
346809. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × BO–53.
346810. Pawnee-Chinese-Ae.Umbellulat P 44–47–4–7 × BO–52.
346811. Purdue 5396 A–4–11–4 × BO–54.
346812. Purdue 5119 A–1o–2o–1 × BO–54.
346813. TF × Bezostaja 14.
346814. TF × Panonija4.

346815 to 346817. MEDICAGO SATIVA L. Leguminosae. **Alfalfa.**

From Canada. Strains developed by D. H. Heinrichs, Canada Department of Agriculture, Research Station, Swift Current, Saskatchewan. Received December 1, 1969.

346815. Sc. Mass 581. Winter-hardy mass selection from Lahontan. Resistant to bacterial wilt and nematodes. Rapid recovery after cutting.

346816. Sc. Syn. 3601. Semicreeping-rooted, 35-clone experimental synthetic; combines traits of Lahontan with Northern creeping-rooted selections. Resistant to bacterial wilt and nematodes, winter hardy. Possible source of disease resistance and variable growth type from taproot to creeping root.

346817. Sc. Syn. 3651. Yellow-flowered, creeping-rooted, 18-clone experimental synthetic; some resistance to bacterial wilt, drought resistant, persistant under defoliation, winter hardy in Great Plains of Canada.

346818 to 346859. ORYZA SATIVA L. Gramineae. **Rice.**

From Argentina. Seed presented by Juan J. N. Marassi, Facultad de Agronomia, La Plata, Buenos Aires Province. Received December 10, 1969.

346818. Aldebaran AG 1.
346819. Blue Rose sel. MA.
346820. Chacarero FA.
346821. Fortuna Corrientes sel INTA.
346822. La Plata Ayui FA.
346823. La Plata Gualeyan FA.
346824. La Plata Itape FA.
346825. H56–13–1.
346826. H56–16–1.
346827. H57–3–1.
346828. H59–41–1.
346829. H61–3–1.
346830. H61–10–1.
346831. H62–3–1.
346832. H62–10–1.
346833. H62–15–1.
346834. H62–21–1.
346835. H62–24–1.
346836. H63–17–1.
346837. H64–5–1.
346838. H64–9–1.
346839. H64–11–1.
346840. H65–22–1.
346841. H69–1–1.
346842. H69–12–1.
346843. H70–14–1.
346844. H71–10–1.
346845. H71–11–1.
346846. H72–7–1.
346847. H73–8–1.
346848. H73–15–1.
346849. H74–2–1.
346850. H74–4–1.
346851. H74–6–1.
346852. H74–7–1.
346853. H74–14–1.
346854. H74–16–1.
346855. H75–5–1.
346856. H75–11–1.
346857. H75–12–1.
346858. H75–16–1.
346859. H75–23–1.

346860 to 346863. ORYZA SATIVA L. Gramineae. **Rice.**

From Surinam. Seed presented by Foundation for the Development of Mechanised Agriculture, Wageningen. Received December 15, 1969.

346860. 'Apura'.
346861. 'Magali'.
346862. 'Temerin'.
346863. 'Washabo'.

* If the species of a genus do not have distinct common names, they share the same common name as the genus.

Abies pinsapo, 346791–346800.
Abrus precatorius, 345745.
Acacia sophorae, 344499.
Acer campestre, 344555.
Adonis aestivalis, 341907.
Aegilops umbellulata, 341797.
sp. 344776–344796.
Agathis robusta, 344500.
Agropyron cristatum, 340055–340058, 343187.
desertorum, 340059–340061, 345583, 345584.
elongatum, 340062–340063.
fibrosum, 345585.
intermedium, 340064, 340065, 345586.
intermedium var. *trichophorum*, 343186.
pectiniforme, 345587.
tauri, 343188.
trachycaulum, 345588.
sp., 340066.
Agrostis alba, 345948.
stolonifera, 338627.
tenuis, 344556.
Ainsworthia trachycarpa, 341901.
Alder. See *Alnus firma*.
Alfalfa. See *Medicago sativa*.
Allium cepa, 342941–342945, 343048, 343049, 344247–344261, 344384–344392, 346415.
oschaninii, 344519, 345539.
popovii, 345540.
porrum, 344262–344264.
sativum, 344759–344763.
Alnus firma, 342923.
hirsuta var. *sibirica*, 342924.
pendula, 342925.
Aloe crytopoda, 338901.
Alopecurus geniculatus, 345949.
pratensis, 341785, 344557, 345950.
Althea rosea, 344501.
Alyssum alyssoides, 345951.
idaeum, 344558.
montanum, 344559–344560, 345952.
montaum subsp. *gmelinii*, 345953.
saxatile, 344561.
Amaranthus mantegazzianus, 343461.
× *Amelasorbus jackii*, 340910.
Ammi sp., 341908.
Ammoselinum giganteum, 341919.
popei, 341920.
Amorpha fruticosa, 344562.
Anethum graveolens, 344265, 344266.
Angiopteris palmiformis, 339553.
sp., 339554.
Apium graveolens, 344267.
Apple. See *Malus sylvestris*.
Apricot. See *Prunus armeniaca*.
Arachis benthamii, 344773.
glabrata var. *hagenbeckii*, 344472.
hypogaea, 339640–339651, 339710, 339945–339976, 341101, 341102, 341103–341123, 341265–341269, 341813, 341878–341886, 342657–342667, 343358–343430, 343431, 343709, 345942–345945, 346376–346386.
hypogaea f. *nambyquarae*, 338628, 341887.
villosa var. *correntina*, 344473.
sp., 344474–344484, 344774.
Aralia elata, 342931.
Arenaria gypsophiloides, 344563.
Arisaema consanguineum, 341076.
formosana, 341077.
Armoracia lapathifolia, 341210–341214.
Arrhenatherum elatius, 338629, 345954, 345955.
Ascocarydion mirabile, 338902.
Astragalus alpinus, 344564.
frigidus, 345957.
Astragalus glycyphyllos, 344565, 344566, 345958, 345959.
norvegicus, 345960, 345961.
sp., 344593, 344594.
Astronium balansae, 344502.
urundeuva, 344503.
Atractylis ovata, 341900.
Atriplex canescens, 346419.
halimus, 342563.
hortensis, 345962.
inflata, 342564.
leptocarpa, 342565.
leucoclada var. *turcomanica*, 339807.
nitens, 345963.
nummularia, 342566.
pseudocampanulata, 342567.
quinnii, 342568.
semibaccata, 342569–342572.
vesicaria, 342573, 342574.
Avena sativa, 339821–339824, 339880, 339881, 340989–341050, 342921, 343722, 343745, 343746, 344797–344859, 345589, 345590, 345733, 345734.
var. *mutica*, 345591–345593.
sp., 343060, 343061, 344062.
Banksia sp. 343081.
Barberry, warty. See *Berberis verruculosa*.
Barley, common. See *Hordeum vulgare*.
two-rowed. See *H. distichon*.

Bauhinia congesta, 345538.
galpinii, 344504.
petersiana, 338903.
sp., 342562.
Bean. See *Phaseolus vulgaris*.
hyacinth-bean. See *Dolichos lablab*.
mung. See *Phaseolus aureus*.
Beet, common. See *Beta vulgaris*.
Befaria racemosa, 346071–346080.
Berberis verruculosa, 344567.
Bergenia sp., 344568.
Beta vulgaris, 344063, 344064.
Bifora americana, 344034.
Birdrape. See *Brassica campestris*.
Bladder-senna, common. See Colutea arborescens.
Bluestem, King's ranch. See *Bothriochloa ischaemum*.
Bothriochloa ischaemum. 338630.
Bougainvillea sp., 344061.
Brachiaria decumbens. 344767, 344772.
ruziziensis. 344764–344766.
Brachypodium pinnatum, 345964.
sylvaticum, 344569, 345965.
sp., 344570.
Brassica campestris, 340178–340199.
campestris var. *toria*, 340200–340203.
carinata, 343459, 343460.
juncea, 340204–340223.
oleracea, 343472, 343473.
oleracea var. *botrytis*, 343474–343483, 344268–344273, 345541, 345542.
oleracea var. *capitata*, 343484–343668, 344023, 344024, 344065, 344274–344277.
oleracea var. *gemmifera*, 343669 to 343675.
oleracea var. *gongylodes*, 343676–343681, 344393, 344394.
rapa, 343182, 343183.
sp., 343682–343685.
Briza maxima, 338631.
spicata, 345711.
Broadbean. See *Vicia faba*.
Bromus (hybrid), 341221.
arvensis, 338632.
biebersteinii, 341222, 341223.
carinatus, 340778.
catharticus, 338633.
erectus, 340067.
inermis, 340068–340070, 341224–341228, 345594–345598, 345966.
japonicus, 340774, 342576.
riparius, 345746.
willdenowii, 345967.
sp., 340071.
Brussels sprouts. See *Brassica oleracea* var. *gemmifera*.
Bupleurum aureum, 345721.
ranunculoides, 344571.
Burnet, American. See *Sanguisorba canadensis*.
small. See *S. Minor*.
Bursaria spinosa, 343082.
Cabbage. See *Brassica oleracea* var. *capitata*.
wild. See B. oleracea.
Caesalpinia bicolor, 344505.
paraguariensis, 344506.
peltophoriodes, 344507.
Cajanus cajan, 342904, 343009–343013, 346083–346182.
Calamagrostis arundinacea, 345968.
canescens, 345969.
epigeiois, 345970.
lapponica, 345971, 345972.
neglecta, 345973, 345974.
purpurea, 345975.
Calla, common. See *Zantedeschia aethiopica*.
Callicarpa glabra, 345747.
Canna indica, 342955.
Capsicum annuum, 342946–342949, 344278–344297.
frutescens, 343929.
sp., 338974–339141.
Carica candamarcensis, 341215, 341831.
cauliflora, 341216, 344496.
monoica, 341217, 341218, 344497.
papaya, 343453.
pubescens, 344498.
Carrot. See *Daucus carota*.
Carthamus oxyacanthus, 343769–343771.
tinctorius, 340072–340097, 343151, 343772–343783, 343930.
Casabanana. See *Sicana odorifera*.
Cassava. See *Manihot esculenta*.
Cassia (hybrid), 343830.
occidentalis, 338635.
Castorbean. See *Ricinus communis*.
Casuarina sp., 343083.
Cauliflower. See *Brassica oleracea* var. *botrytis*.
Cedar-of-Lebanon. See *Cedrus libanii*.
Cedrus libanii, 343457.
Celery. See *Apium graveolens*.
Celtis philippensis, 344111.
sinensis, 344112.
spinosa, 341096.
Cenchrus ciliaris, 339892, 339893, 345976, 346287.
pennisetiformis, 346288.
Centrolobium robustum, 339876.
Centrosema sp., 339901.
Cephalaria gigantea, 345722, 345723.
Ceratopetalum apetalum, 343084.
Cercocarpus breviflorus, 342953.
Chamaecyparis obtusa, 342926.
Chayote. See *Sechium edule*.
Chenopodium quinoa, 344043, 344119.

Cherry, Himalayan bird. See *Prunus cornuta.*
Nepal. See *P. napaulensis.*
Sikkim. See *P. cerasoides.*
sour. See *P. cerasus.*
sweet. See *P. avium.*
Cherry-laurel. See *P. acuminata.*
Chickpea. See *Cicer arietinum.*
Chionanthus retusus, 343766.
Chloris gayana, 338636.
Cibotium chamissoi, 339555.
Cicer arietinum, 339142–339239, 343014–343021, 343152, 343931.
Citrullus lanatus, 344066, 344298–344301, 344395, 345543–345547, 346082, 346787.
Citrus canaliculata, 341056.
hanaju, 341057.
obovoidea, 341058.
sp., 341059.
Clematis boninensis, 345748.
Clerodendrum ugandensis, 343085.
Cleyera japonica, 342932.
Clover. See Trifolium spp.*
alsike. See T. hybridum.
berseem. See *T. alexandrinum.*
bush. See *Lespedeza capitata.*
crimson. See *Trifolium incarnatum.*
large hop. See *T. campestre.*
narrowleaf. See *T. angustifolium.*
persian. See *T. resupinatum.*
red. See *T. pratense.*
strawberry. See *T. fragiferum.*
subterranean. See *T. subterraneun.*
sweet. See *Melilotus altissima.*
white. See *Melilotus alba.*
yellow. See *M. officinalis.*
white. See *Trifolium repens.*
zig-zag. See *Trifolium medium.*
Coffea bengalensis, 344104.
travancorensis, 344105.
Coix lacryma-jobi var. *ma-yuen*, 339808.
Colutea arborescens, 344572.
Coraltree. See *Erythrina speciosa.*
Corn. See *Zea mays.*
Coronilla glauca, 338637.
Coronilla, honey. See *Coronilla glauca.*
Coronilla varia, 338693, 340779, 343073, 343943, 343944, 344573, 346775, 346776.
Corylus avellana, 339723–339726.
avellana f. *heterophylla*, 342559.
heterophylla, 342560.
Cosmos sulphureus, 343462.
Cosmos, yellow. See *Cosmos sulphureus.*
Cotoneaster, creeping. See *Cotoneaster adpressa.*
Cotoneaster—Continued
Franchet. See *C. franchettii.*
rock. See *C. horizontalis.*
Cotoneaster adpressa, 344574.
affinis var. *bacillaris*, 343106.
cinnabarina, 341941.
Cotoneaster dammeri, 344575.
foveolata, 340911.
franchetii, 344576.
harrysmithii, 341942.
horizontalis, 344577.
melanocarpa, 344578.
melanocarpa var. *laxiflora*, 341943.
microphylla, 343107, 344579.
racemiflora, 344580.
splendens, 341944.
tomentosa, 340912, 341945.
Cotton, upland. See *Gossypium hirsutum.*
Cowpea, common. See *Vigna unguiculata.*
Crab, Sikkim. See *Malus sikkimensis.*
Crambe armena, 345724.
Crapemyrtle, common. See *Lagerstroemia indica.*
× *Crataegomespilus dardari*, 340913.
× *Crataegomespilus dardari* f. *asmeresi*, 340914.
× *Crataegomespilus dardari grandiflora*, 340915.
Crataegus altaica, 340916.
lavallei, 343687.
macracantha, 340917.
maximowiczii, 340918.
oresbia, 345522.
orientalis, 340919.
orientalis var. *sanguinea*, 340920.
pinnatifida var. *major*, 340921.
pubescens f. *stipulacea*, 340922.
tanacetifolia, 340923, 343688.
uniflora, 340924.
wilsonii, 340925.
sp. 340926, 340927.
Crepis bungei, 345725.
conyzifolia, 345726.
Cress, garden. See *Lepidium sativum.*
Crotalaria lanceolata, 346289.
mucronata, 346290.
mysorensis, 346291.
orixensis, 346292.
pumila, 346293.
retusa, 346294.
sericea, 346295.
verrucosa, 346296.
sp., 346297.
Crownvetch. See *Coronilla varia.*
Cryptomeria japonica, 342927, 342928.
Cryptomeria, common. See *Cryptomeria japonica.*
Cucumber. See *Cucumis sativus.*
squirting. See *Ecballium elaterium.*

Cucumis dinteri, 343067.
melo, 341954–341981, 344302–344346, 344396–344431, 345548–345551, 346788–346790.
pustulatus, 343699–343701.
sativus, 339240–339350, 341940, 342950, 342951, 343451, 343452, 344067–344069, 344347–344353, 344432–344445.
trigonis, 344044.
Cucurbita pepo, 344070, 344071, 344354–344359.
Cyamopsis tetragonoloba, 338719–338898, 340224–340656.
Cyathea lepifera, 339556.
Cydonia oblonga, 343108.
Cynodon plectostachyus, 341817–341821, 342634.
Cytisus mollis, 338638.
Dactylis glomerata, 340098–340101, 345601–345605.
Dandelion. See *Taraxacum kok-saghyz*.
Daucus carota., 339251–339254, 341204–341209, 344072, 344110, 344360–344364, 344446, 344447.
littoralis, 341902.
Daucus montevidensis, 341892.
muricatus, 341904.
sp., 341909.
Digitaria commutata subsp. *nodosa*, 338639.
didactyla, 339654.
Dill. See *Anethum graveolens*.
Dodonaea attenuata, 343074.
viscosa, 343075, 343076.
sp., 343086.
Dolichos biflorus, 345606, 345729.
falcatus, 342905.
lablab, 339902, 339903, 345607–345609, 346183–346286, 346440.
Dombeya wittei, 338904.
Dryandra formosa, 343087.
prasmorsa, 343088.
sp., 343089.
Ecballium elaterium, 343739.
Echinochloa polystachya, 344771.
Echinops sp., 343822.
Elaeocarpus photiniifolius, 345749.
Elm. See *Ulmus* × *hollandica*.
Chinese. See *U. pumila*.
leatherleaf. See *U. parvifolia*.
Scotch. See *U. glabra*.
smoothleaf. See *U. carpinifolia*.
Elymus arenarius, 345977–345979.
Elymus sibiricus, 345599, 345600.
patagonicus, 343069.
Eragrostis chloromelas, 338640.
curvula, 338641, 341158–341203.
lehmanniana, 338642.
obtusa, 344546.
tef, 343932.
sp., 343195.
Eremophila gilesii, 343090.
Eriobotrya japonica, 346420.
Eriochrysis sp. 338688, 338689.
Eruca sativa, 344365.
Eryngium aff. *decaisneanum*, 341893.
planum, 343706.
sanguisorba, 341894.
sp., 341895, 341896, 341897.
Erythrina speciosa, 346773.
Eucalyptus calophylla, 339878.
erythrocorys, 343091.
ficifolia, 339879.
Euchlaena mexicana, 342635–342637, 343230–343249.
Euphorbia nutans, 341905.
Eurotia ceratoides, 345730.
Falsecypress, Hinoki. See *Chamaecyparis obtusa*.
Fennel. See *Foenicucum vulgare*.
Fenugreek. See *Trigonella foenum-graecum*.
Fescue. See *Festuca* spp.*
chewings. See *F. rubra* var. *commutata*.
great. See *F. gigantea*.
meadow. See *F. elatior*.
red. See *F. rubra*.
sheep. See *F. ovina*.
Festuca altissima, 345980.
gigantea, 345981.
gracillima, 343070.
idahoensis, 344595–344644.
ovina, 340103, 345982.
pallescens, 343071.
pratensis, 340102, 345983.
purpurascens, 343072.
rubra, 345984.
rubra var. *commutata*, 345941.
sulcata, 344109.
sp., 344581.
Filbert. See *Corylus avellana*.
Fir. See *Abies pinsapo*.
Flax, alpine. See *Linum alpinum*.
Austrian. See *L. austriacum*.
common. See *L. usitatissimum*.
narbonne. See *L. narbonense*.
narrowleaf. See *L. angustifolium*.
perennial. See *L. perenne*.
Flemingia strobilifera, 338899.
Foeniculum vulgare, 343463.
Foxtail, meadow. See *Alopecurus pratensis*.
Fragaria (hybrid), 338686, 338687, 339728, 342000, 342001, 342006–342011.
sp., 345524.
Franchet. See *Cotoneaster franchetii*.
Fringe tree, Chinese. See *Chionanthus retusus*.
Fugosia populifolia, 339894.
Galenia secunda, 346784, 346785.
Garden orach. See *Atriplex hortensis*.

Garlic. See *Allium sativum.*
Gaylussacia baccata, 346450, 346451.
frondosa, 346452.
Genista saharae, 344031.
Gleditsia amorphoides, 341097.
Glycine clandestina, 339656.
Glycine max, 339700, 339731–339738, 339863–339870, 339977–340054, 340898–340904, 341241–341264, 342002–342005, 342431, 342435–342438, 346298–346312.
tabacina, 342432.
tomentella, 339657, 342433.
ussuriensis, 339871, 342434, 342618–342622.
wightii, 339666–339699, 339895.
sp. 339655, 339658–339665.
Goldbachia laevigata, 343456.
Gossypium hirsutum, 339729, 339874, 339875, 341094, 342561, 344118.
sp., 341095, 341875, 341876, 341877.
Grape, European. See *Vitis vinifera.*
Grass, bahia. See *Paspalum notatum.*
bent, colonial. See *Agrostis tenuis.*
creeping. See *A. stolonifera.*
blue. See *Poa glauca.*
Kentucky. See *P. pratensis.*
Canada. See *P. compressa.*
buffel. See *Cenchrus ciliaris.*
brome, California. See *Bromus carinatus.*
field. See *B. arvensis.*
Japanese. See *B. japonicus.*
meadow. See *B. erectus.*
smooth. See *B. inermis.*
canary, large. See *Phalaris aquatica.*
dallis. See *Paspalum dilatatum.*
dune, European. See *Elymus arenarius.*
elephant. See *Pennisetum purpureum.*
falsebrome. See *Brachypodium* spp.*
Japanese. See *B. pinnatum.*
guinea. See *Panicum maximum.*
goat. See *Aegilops umbellulata.*
Java. See *Polytrias amaura.*
kikuyu. See *Pennisetum clandestinum.*
love. See *Eragrostis* spp.*
boer. See *E. chloromelas.*
lehmann. See *E. lehmanniana.*
weeping. See *E. curvula.*
natal. See *Tricholaena repens.*
oat, tall. See *Arrhenatherum elatius.*
orchard. See *Dactylis glomerata.*
Grass—Continued
panic. See Panicum spp.*
blue. See *P. antidotale.*
green. See *P. maximum* var. *trichoglume.*
quaking, big. See *Briza maxima.*
reed. See *Calamagrostis arundinacea.*
canary. See *Phalaris arundinacea.*
rescue. *Bromus willdenowii, B. catharticus.*
rhodes. See *Chloris gayana.*
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